

Whistler Design Preview
April 20 & 21



Whistler Shell Features

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Windows Shell/User Experience Team
Microsoft Corporation

User experience vision for Whistler

- Consumer focus is a major priority
- But also responding to top RDP/JDP requests/corporate needs
  - E.g., CSC improvements
  - Tackling top performance scenarios
  - Additional policies to create restricted environments

Whistler feature areas

- Friendly logon
- Visual redesign
- Simple networking UI
- Simple hardware UI
- More robust file associations

Whistler feature areas (cont)

- Improved Control Panel UI
- Taskbar/notifications enhancements
- Simple publishing
- Simple file management
- Performance/architecture improvements

Logon/Profiles

- New user-friendly Logon dialog
- Support for Multiple Desktops
- Simplified User Accounts control panel
- New unified password prompt for Web sites & net resources

Welcome

Den Computer

Turn off the computer

Click your name to start

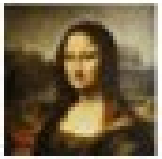


Billy



Christopher

3 new messages

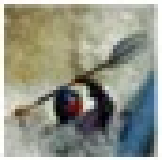


Pat

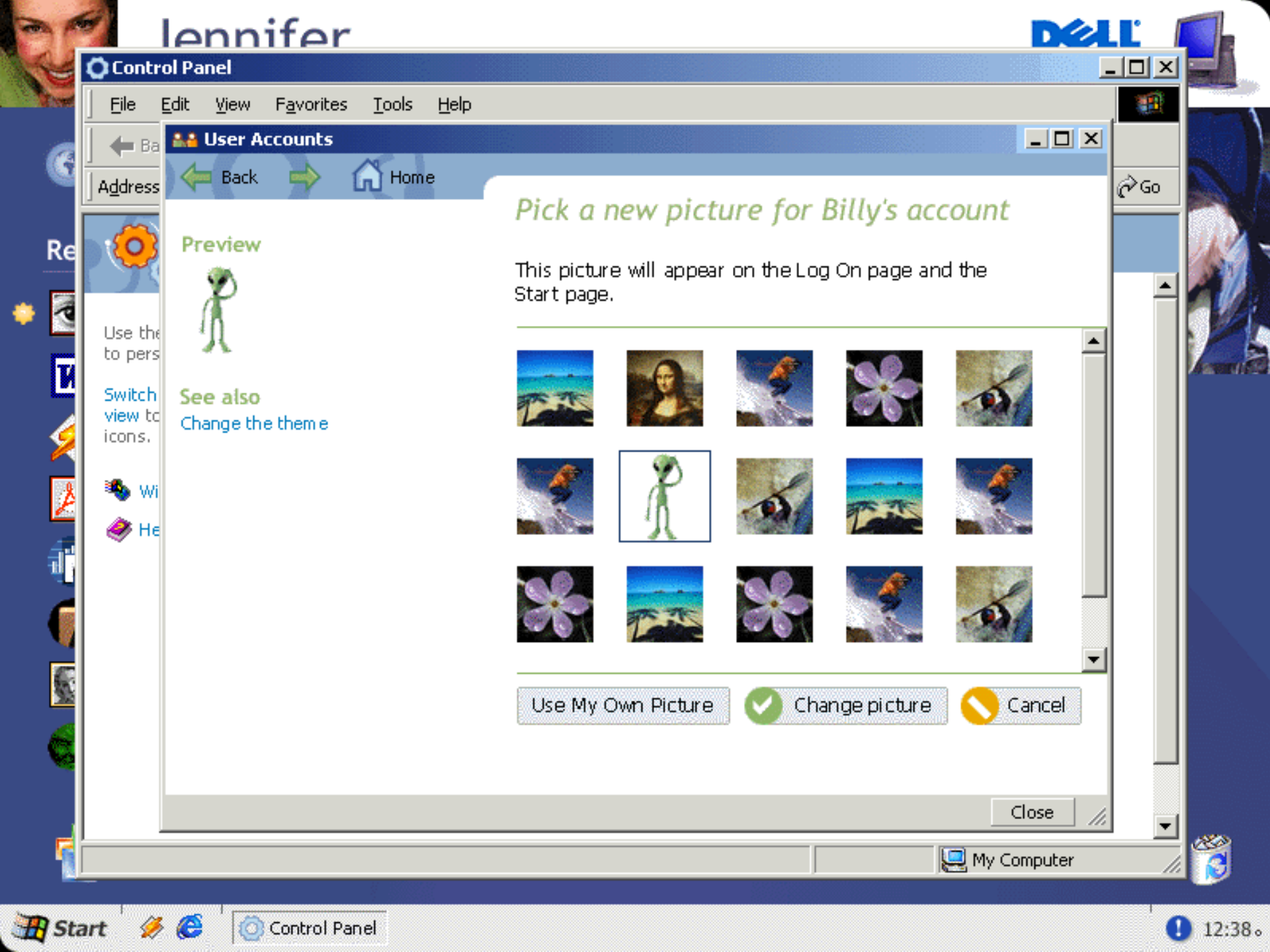


Suzie

10 new messages



William

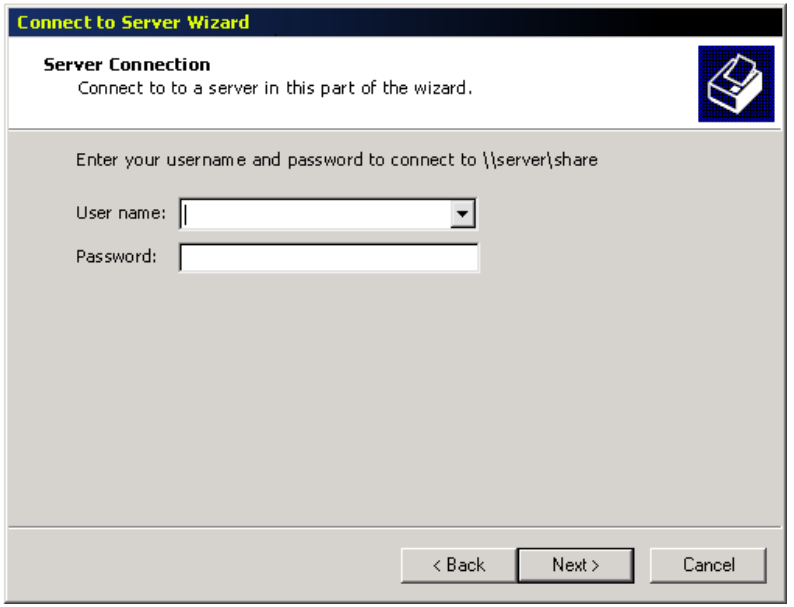

Control Panel
File Edit View Favorites Tools Help
User Accounts
Back
Home
Pick a new picture for Billy's account
Preview
This picture will appear on the Log On page and the Start page.
See also
Change the theme
Use My Own Picture
Change picture
Cancel
Close
My Computer
Start
Control Panel
12:38

Unified Password Prompt

Standard:



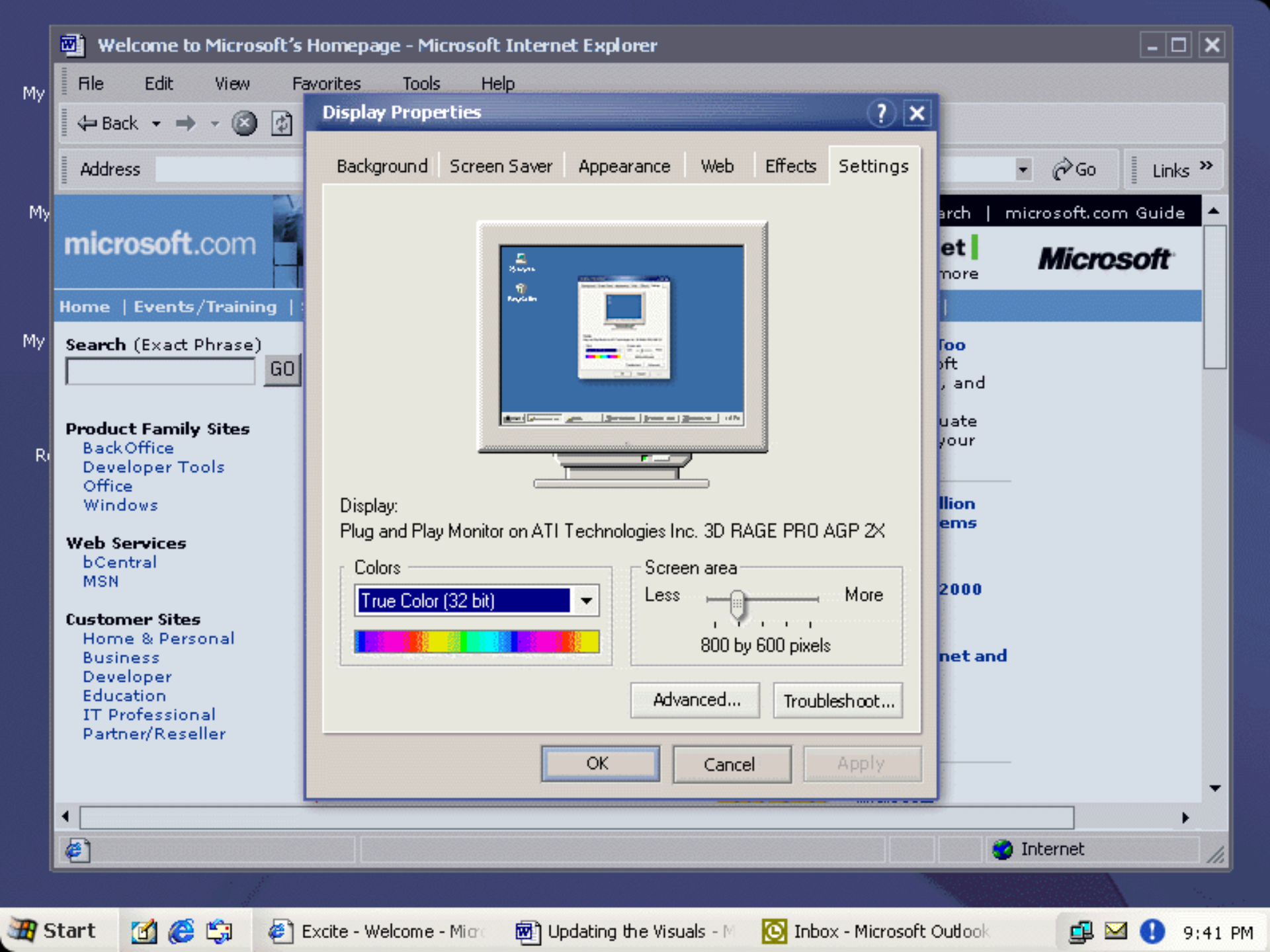
In a Wizard:

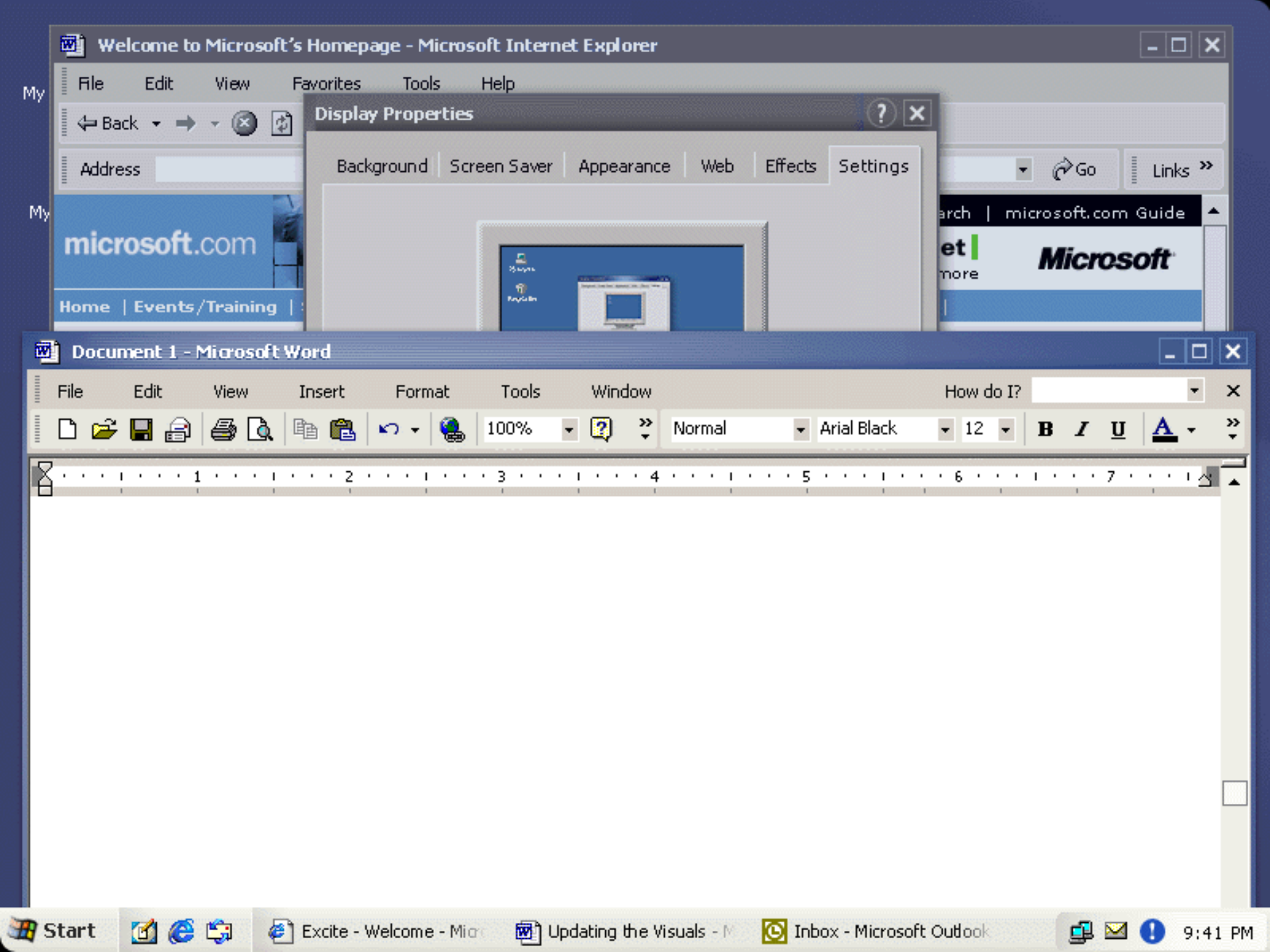


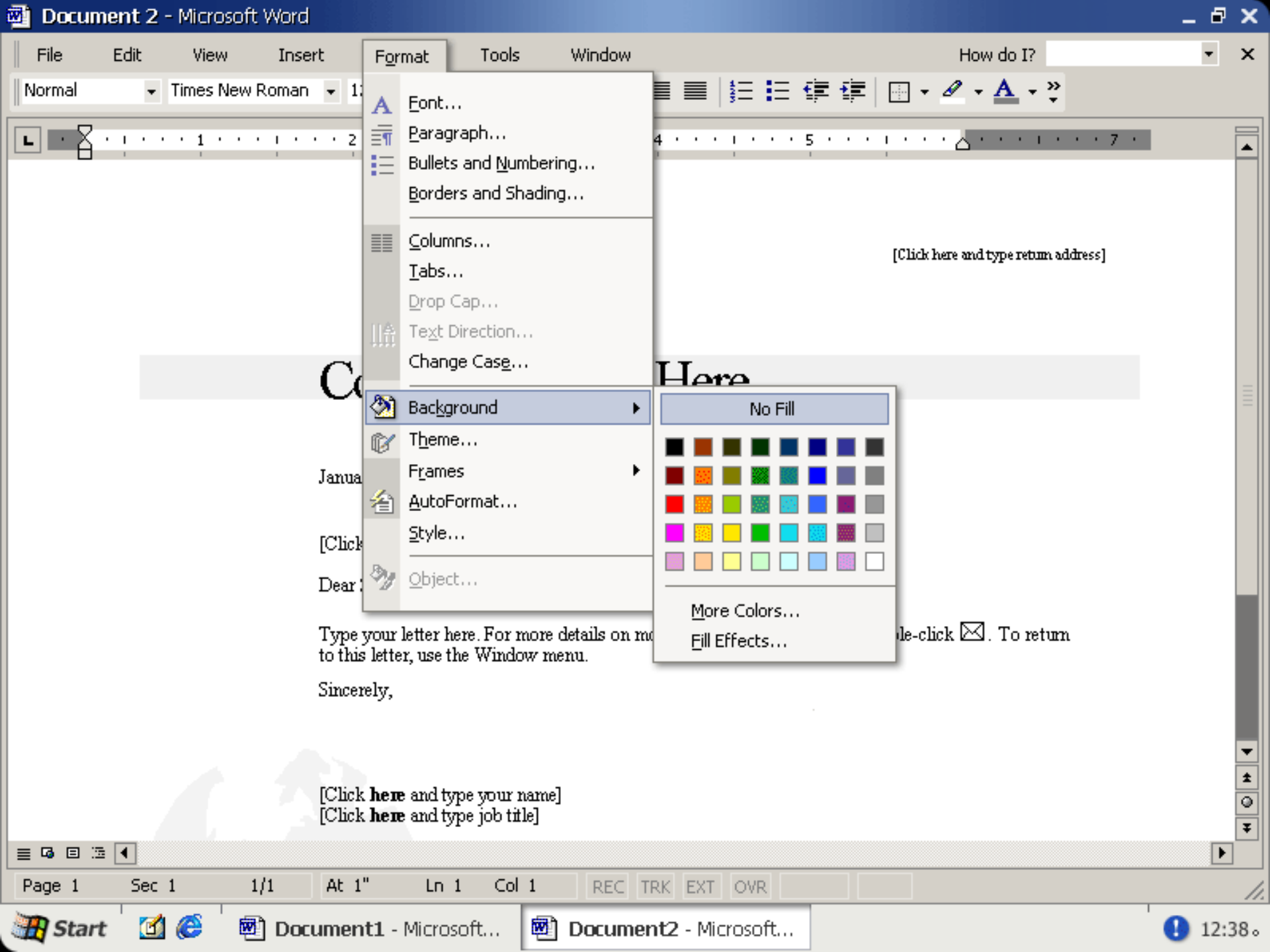
Supports: Smart cards, branding, UPNs, never ask me again, etc

Visual Redesign

- Generate Consumer Excitement
  - Visual redesign of UI elements for business and consumer
  - Animation Effects
- Improve User Experience
  - Auto-maximize at 800x600
  - Improve visual cues for focus
  - Improve support for High Density Displays

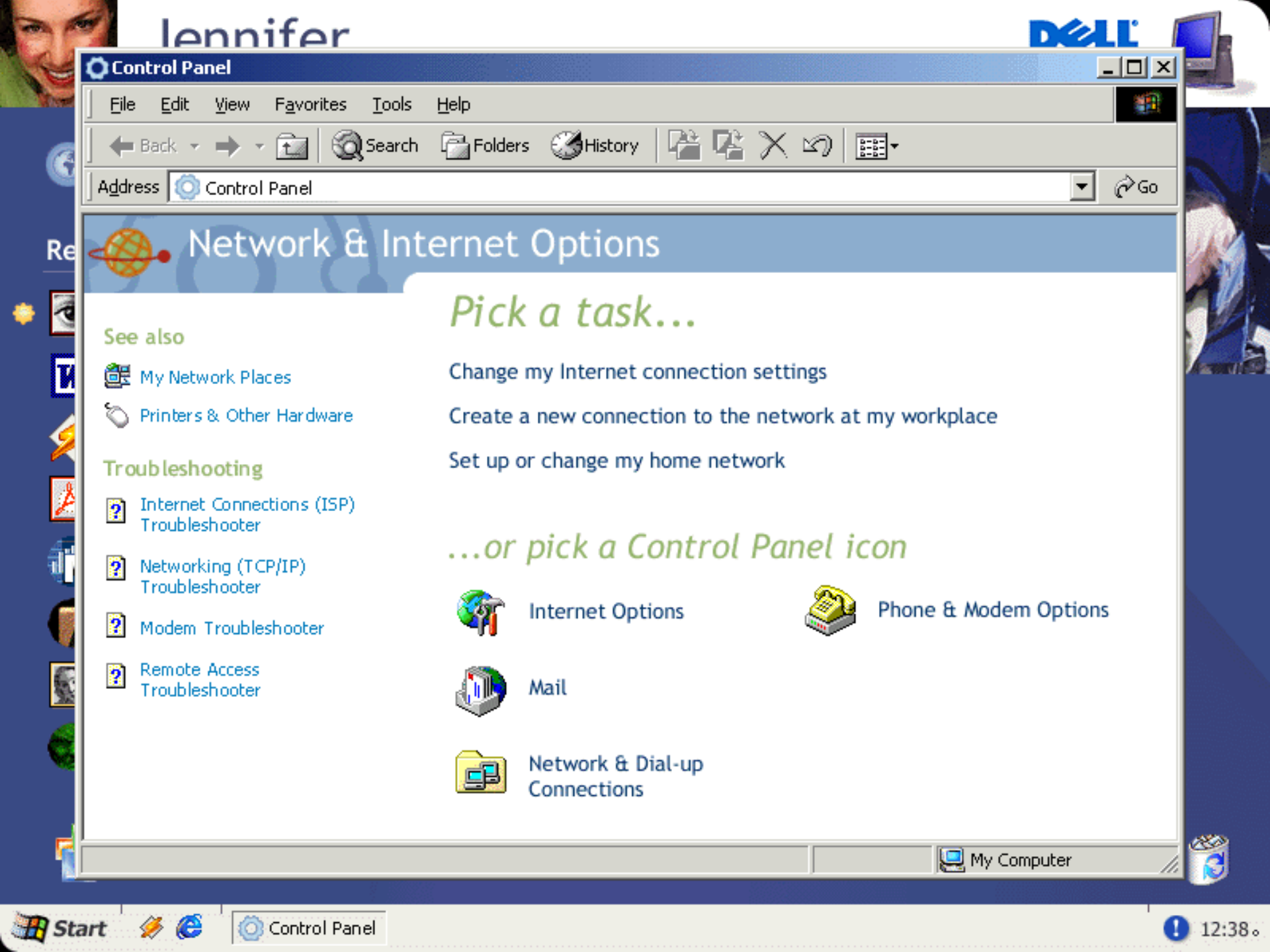

Welcome to Microsoft's Homepage - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back
Address
Go
Links
microsoft.com
Home | Events/Training
Search (Exact Phrase)
GO
Product Family Sites
BackOffice
Developer Tools
Office
Windows
Web Services
bCentral
MSN
Customer Sites
Home & Personal
Business
Developer
Education
IT Professional
Partner/Reseller
microsoft.com Guide
Microsoft
Internet
Display Properties
Background
Screen Saver
Appearance
Web
Effects
Settings
Display:
Plug and Play Monitor on ATI Technologies Inc. 3D RAGE PRO AGP 2X
Colors
True Color (32 bit)
Screen area
Less
More
800 by 600 pixels
Advanced...
Troubleshoot...
OK
Cancel
Apply
Start
Excite - Welcome - Mic
Updating the Visuals - M
Inbox - Microsoft Outlook
9:41 PM


Welcome to Microsoft's Homepage - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back
Address
Go
Links
microsoft.com
Home | Events/Training
Display Properties
Background Screen Saver Appearance Web Effects Settings
Document 1 - Microsoft Word
File Edit View Insert Format Tools Window
How do I?
100%
Normal
Arial Black
12
Start
Excite - Welcome - Mic
Updating the Visuals - M
Inbox - Microsoft Outlook
9:41 PM


Document 2 - Microsoft Word
File
Edit
View
Insert
Format
Tools
Window
How do I?
Normal
Times New Roman
Font...
Paragraph...
Bullets and Numbering...
Borders and Shading...
Columns...
Tabs...
Drop Cap...
Text Direction...
Change Case...
Background
Theme...
Frames
AutoFormat...
Style...
Object...
No Fill
More Colors...
Fill Effects...
[Click here and type return address]
Here
Janua
[Click
Dear
Type your letter here. For more details on
le-click
. To return
to this letter, use the Window menu.
Sincerely,
[Click here and type your name]
[Click here and type job title]
Page 1
Sec 1
1/1
At 1"
Ln 1
Col 1
REC
TRK
EXT
OVR
Start
Document1 - Microsoft...
Document2 - Microsoft...
12:38

Networking UI

- Network Configuration UI & CPL
- HomeNet Wizard
- Simple File Sharing UI
- Simplify the Create New Connection Wizard

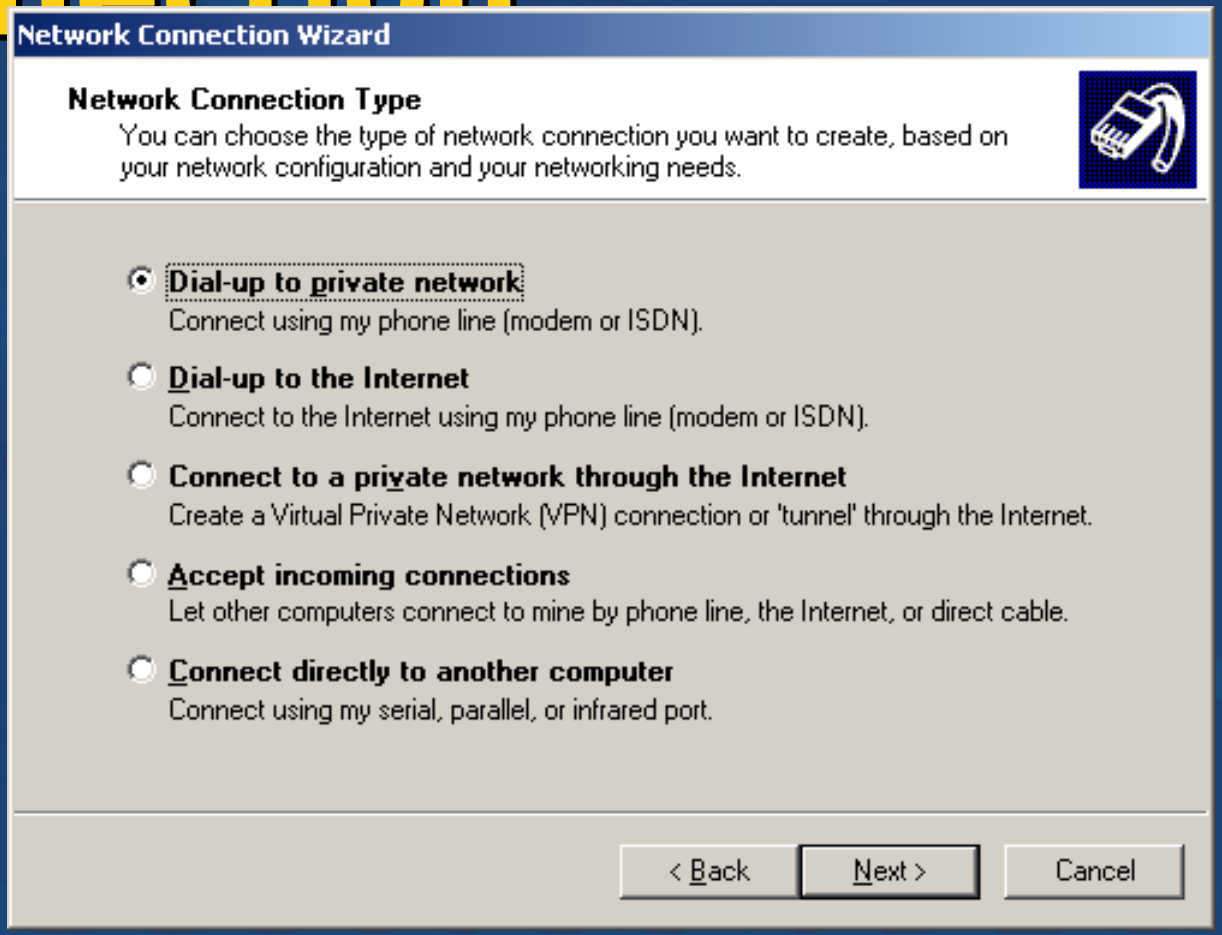

Control Panel
File Edit View Favorites Tools Help
Back Search Folders History
Address Control Panel
Go
Network & Internet Options
See also
My Network Places
Printers & Other Hardware
Troubleshooting
Internet Connections (ISP) Troubleshooter
Networking (TCP/IP) Troubleshooter
Modem Troubleshooter
Remote Access Troubleshooter
Pick a task...
Change my Internet connection settings
Create a new connection to the network at my workplace
Set up or change my home network
...or pick a Control Panel icon
Internet Options
Phone & Modem Options
Mail
Network & Dial-up Connections
My Computer
Start
Control Panel
12:38

HomeNet Wizard



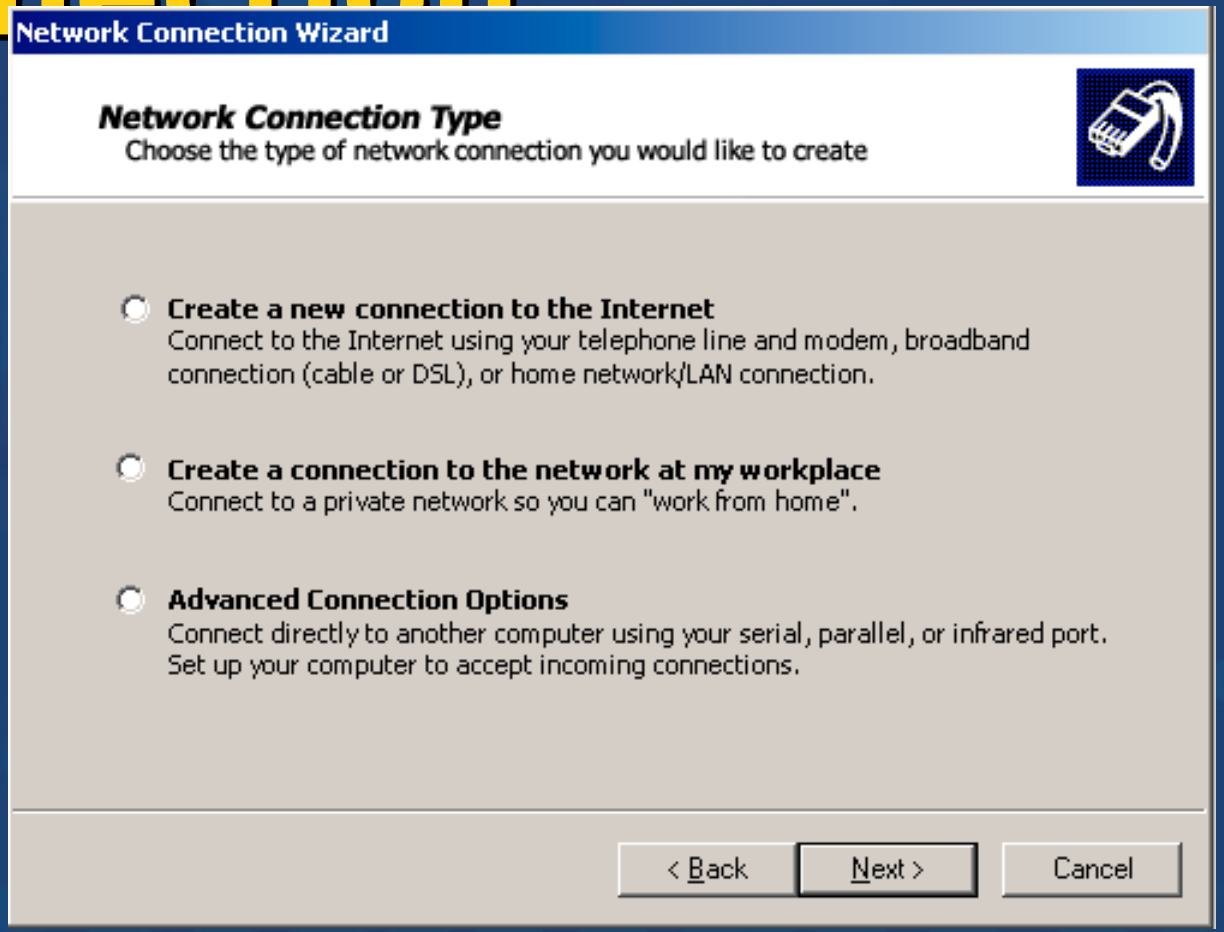
Create New Connection

- Before:



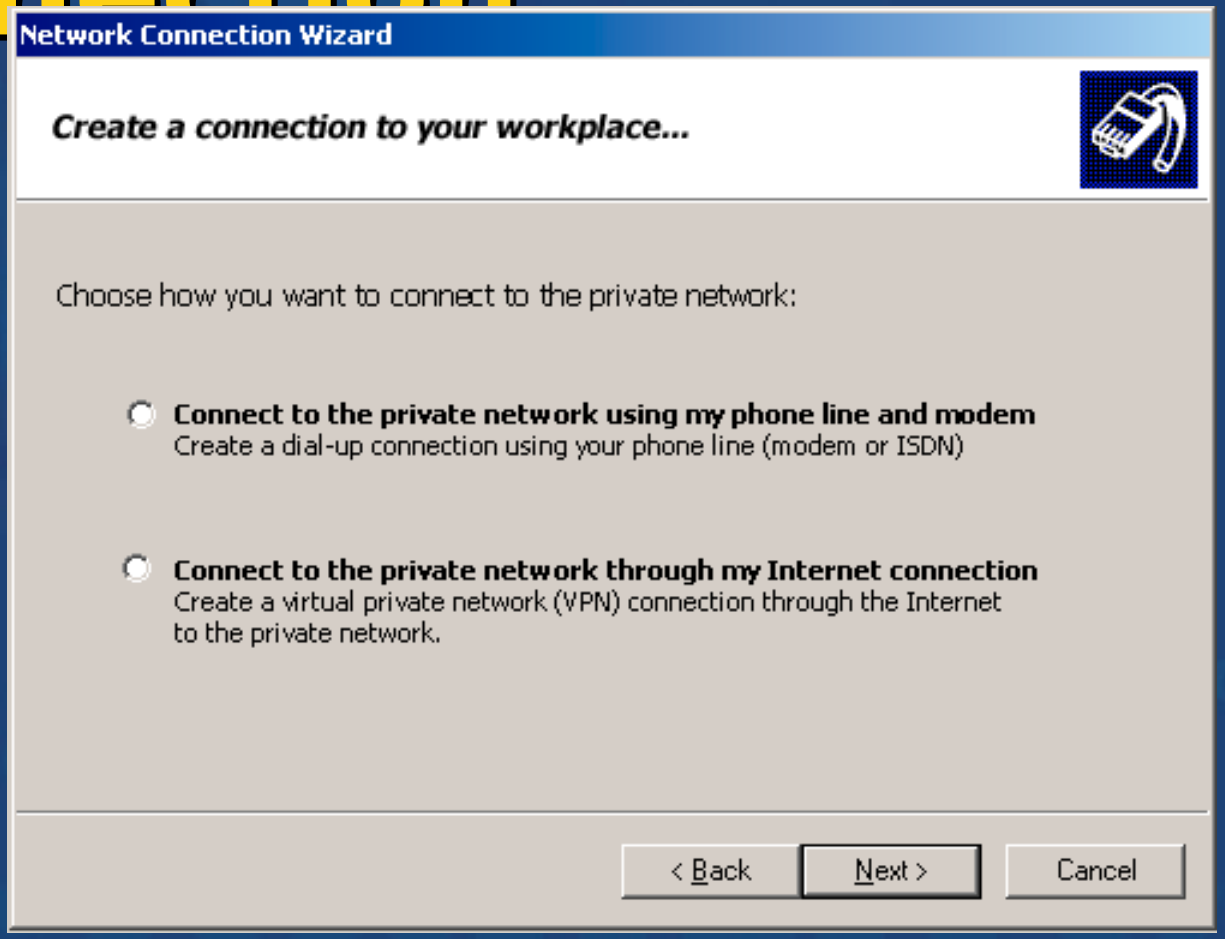
Create New Connection

- After:

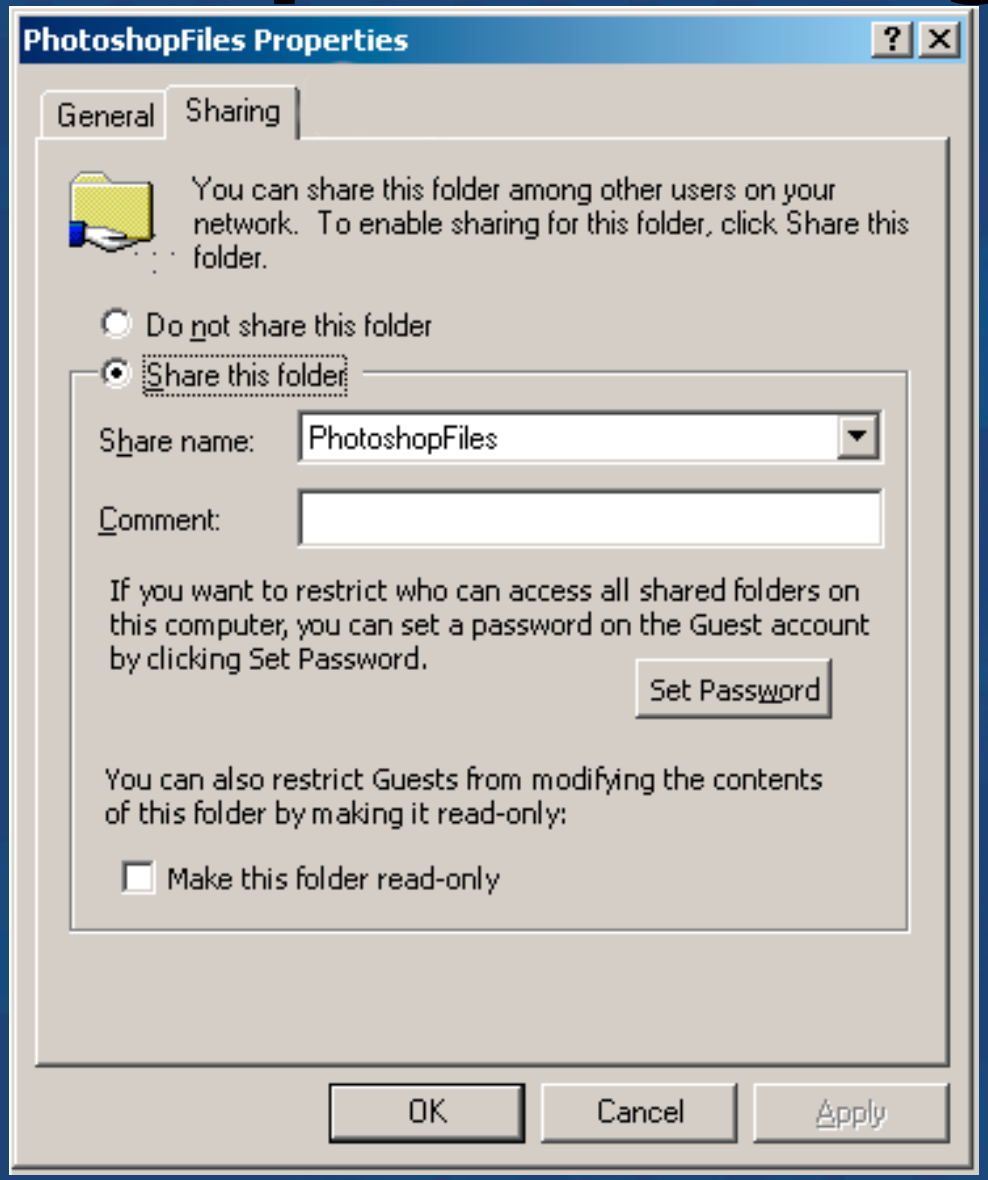


Create New Connection

- After:



Simple Sharing page



Pro will also have controls for:

- Sharing to specific users on the workgroup or domain
- User Limits
- CSC caching options

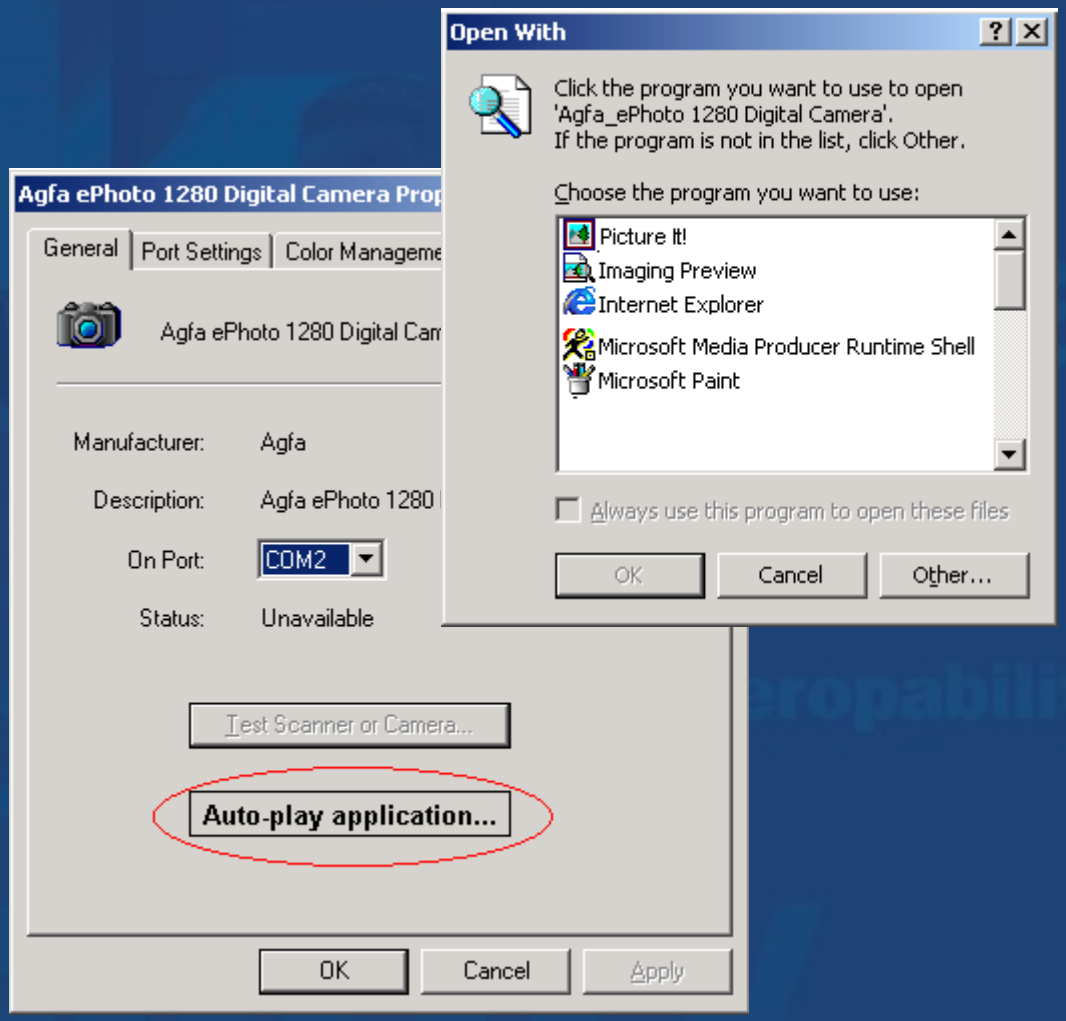
Hardware UI

- Auto Play for Hardware
- My Computer & System Properties cleanup
- Extended Key support
- Found New HW Notification
- Update Device Driver Wizard
- Add New HW Wizard
- Low Disk Space notification
- USB & UPnP UI

AutoPlay for Hardware

Comments:

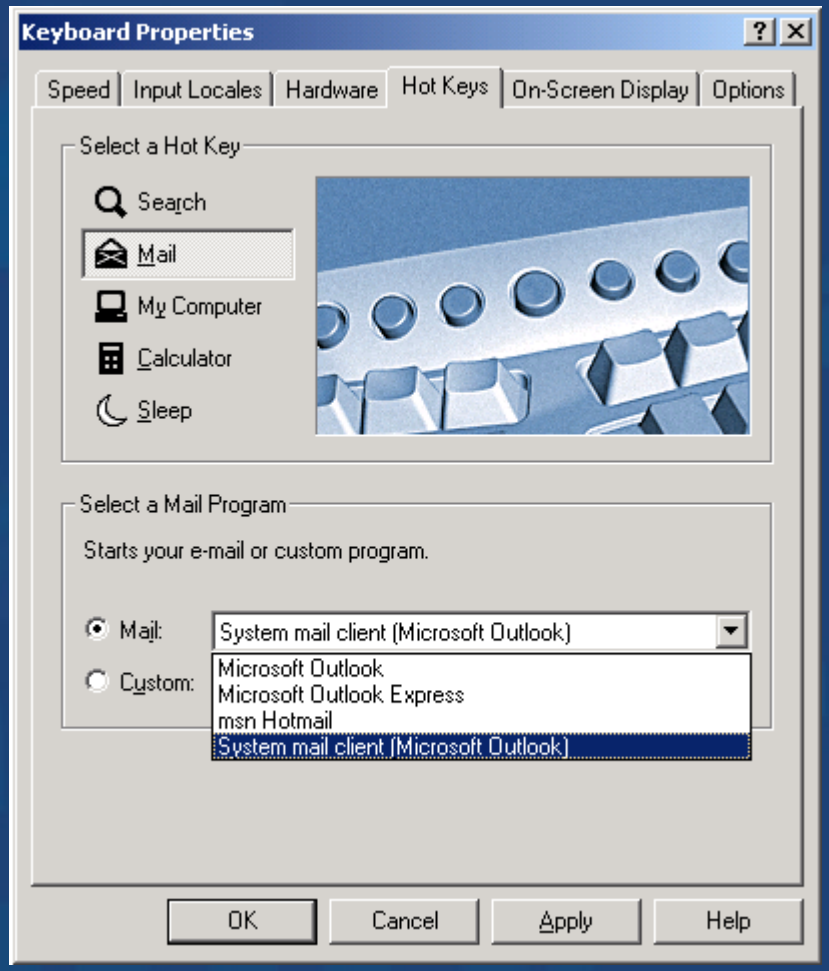
- Architecture so when HW or media is inserted, we can do the right thing:
  - IF CD full of MP3s, launch Media Player
  - IF 1394 camera, launch MovieMaker
  - Etc…
- Defaults are user configurable

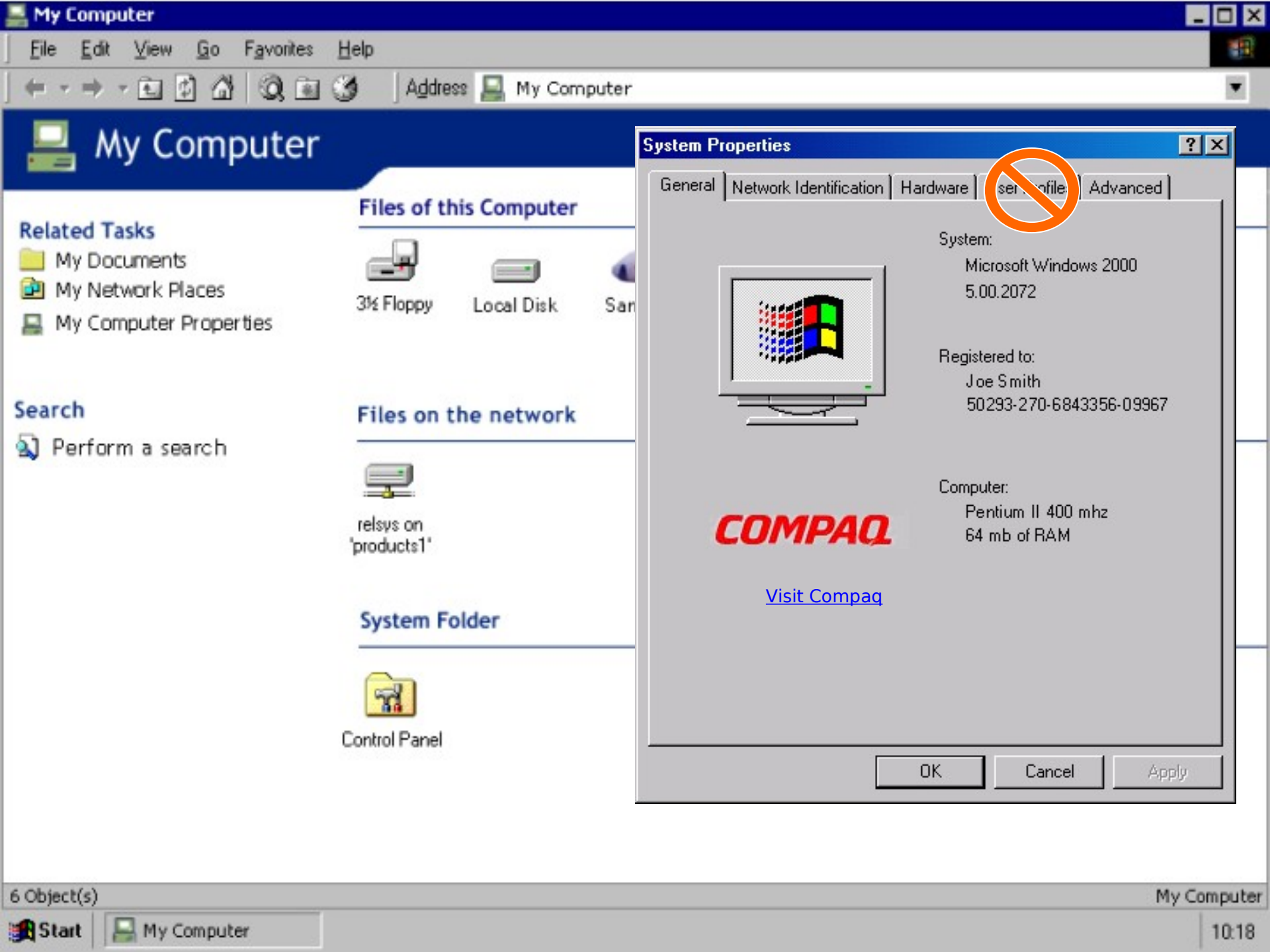


Extended Key Support

Comments:

- APIs to support funky keyboard keys without hacking at the driver level
- Basic UI to configure what the keys do in Keyboard Control Panel




My Computer
File Edit View Go Favorites Help
Address My Computer
My Computer
Related Tasks
My Documents
My Network Places
My Computer Properties
Search
Perform a search
Files of this Computer
3½ Floppy
Local Disk
Files on the network
relsys on 'products1'
System Folder
Control Panel
System Properties
General
Network Identification
Hardware
Advanced
System:
Microsoft Windows 2000
5.00.2072
Registered to:
Joe Smith
50293-270-6843356-09967
Computer:
Pentium II 400 mhz
64 mb of RAM
COMPAQ
Visit Compaq
OK
Cancel
Apply
6 Object(s)
My Computer
Start
My Computer
10:18

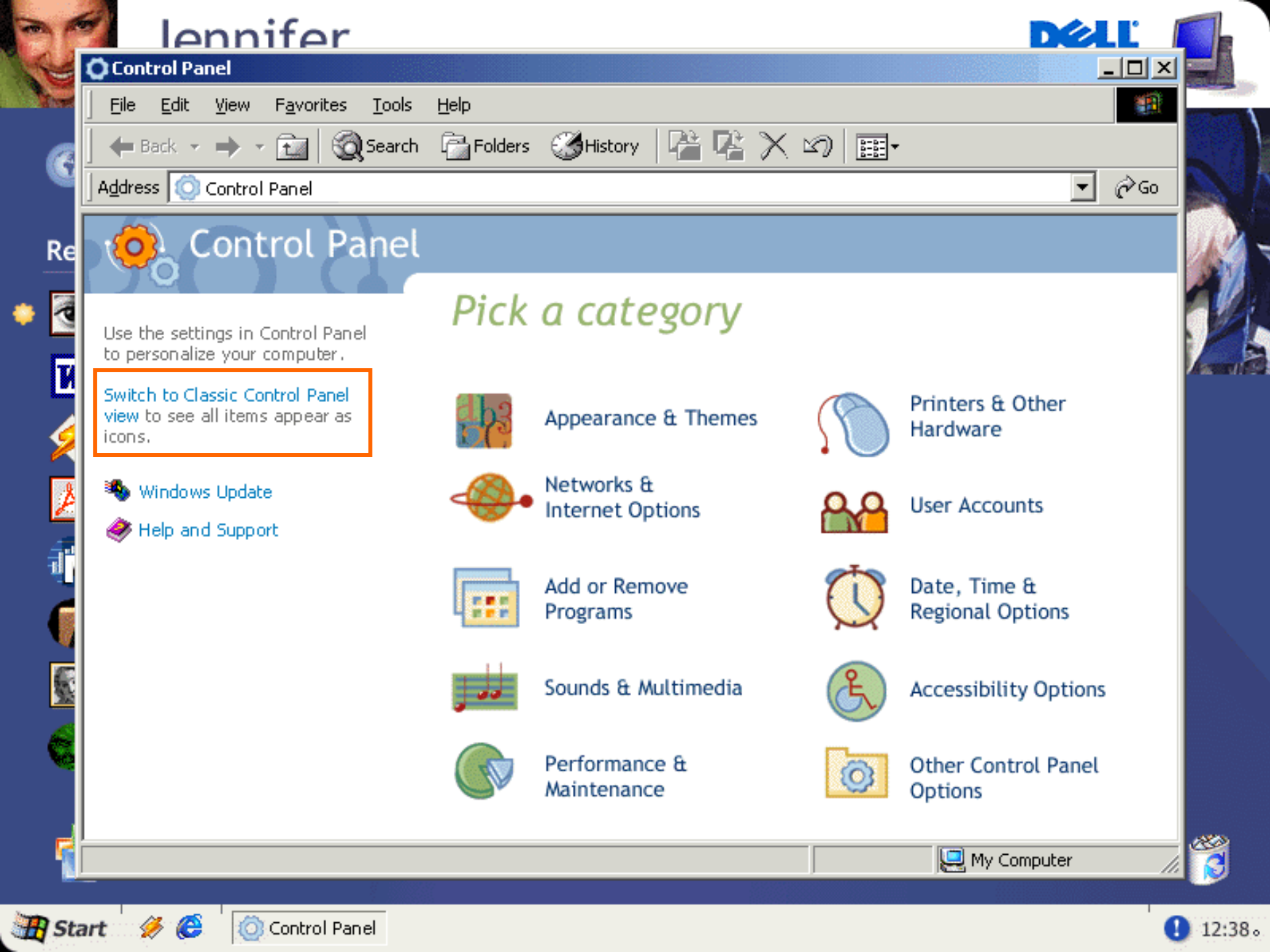
File Associations

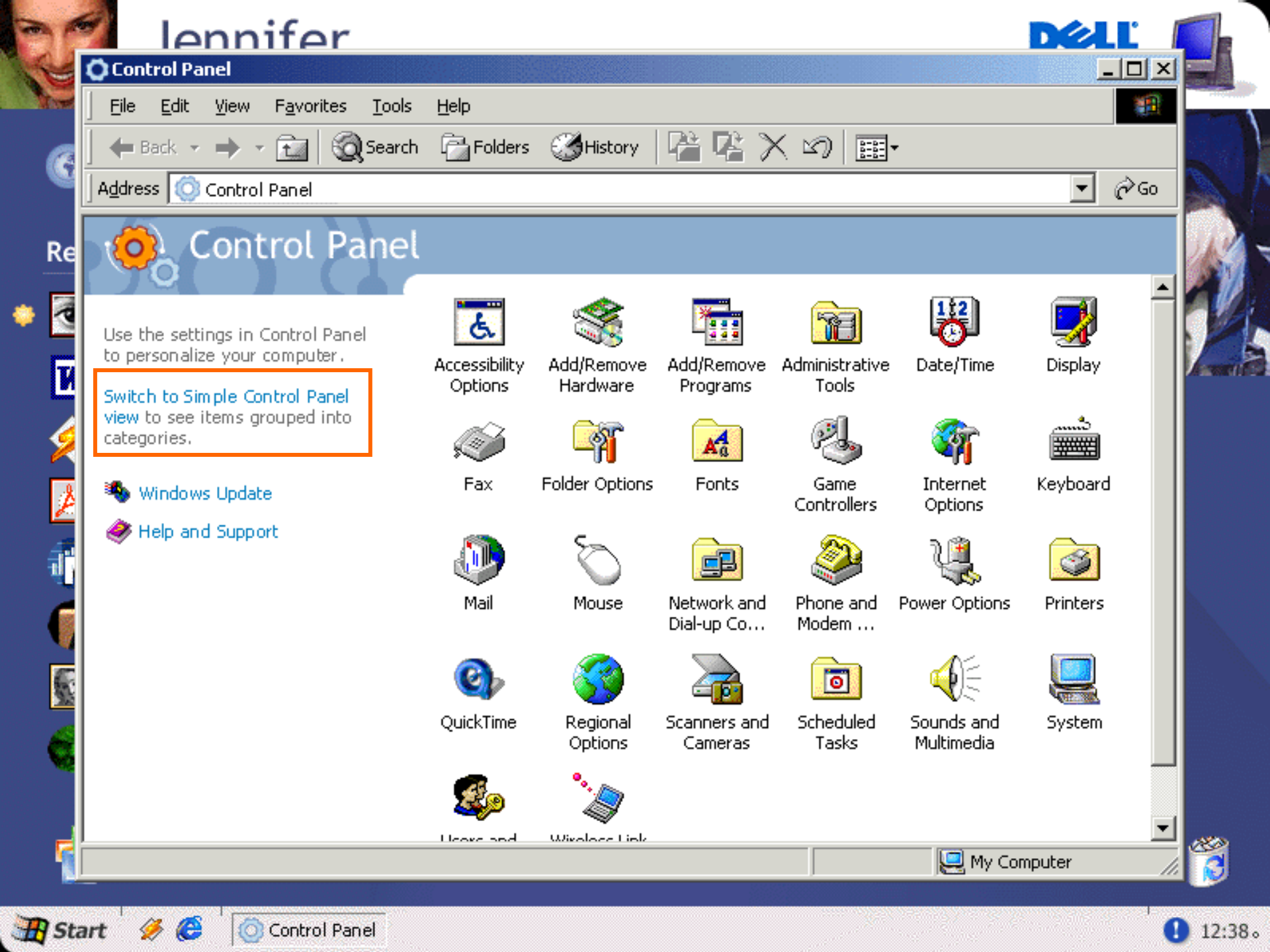
- Set of guidelines for ISVs
- API to register & query associations
- Automatic Rollback of filetypes
- Support for basic filetypes: ZIP, CAB etc

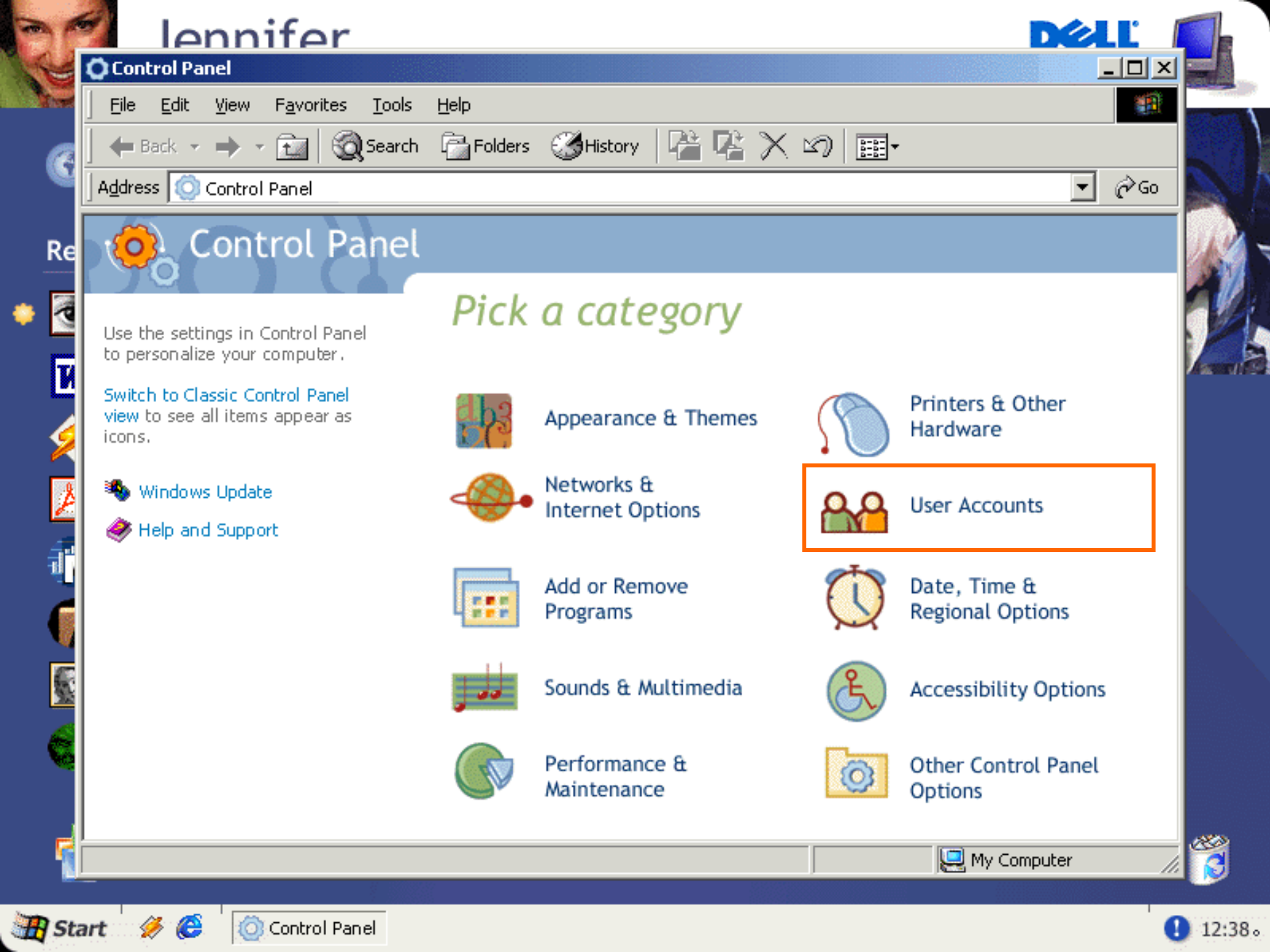
Control Panel UI

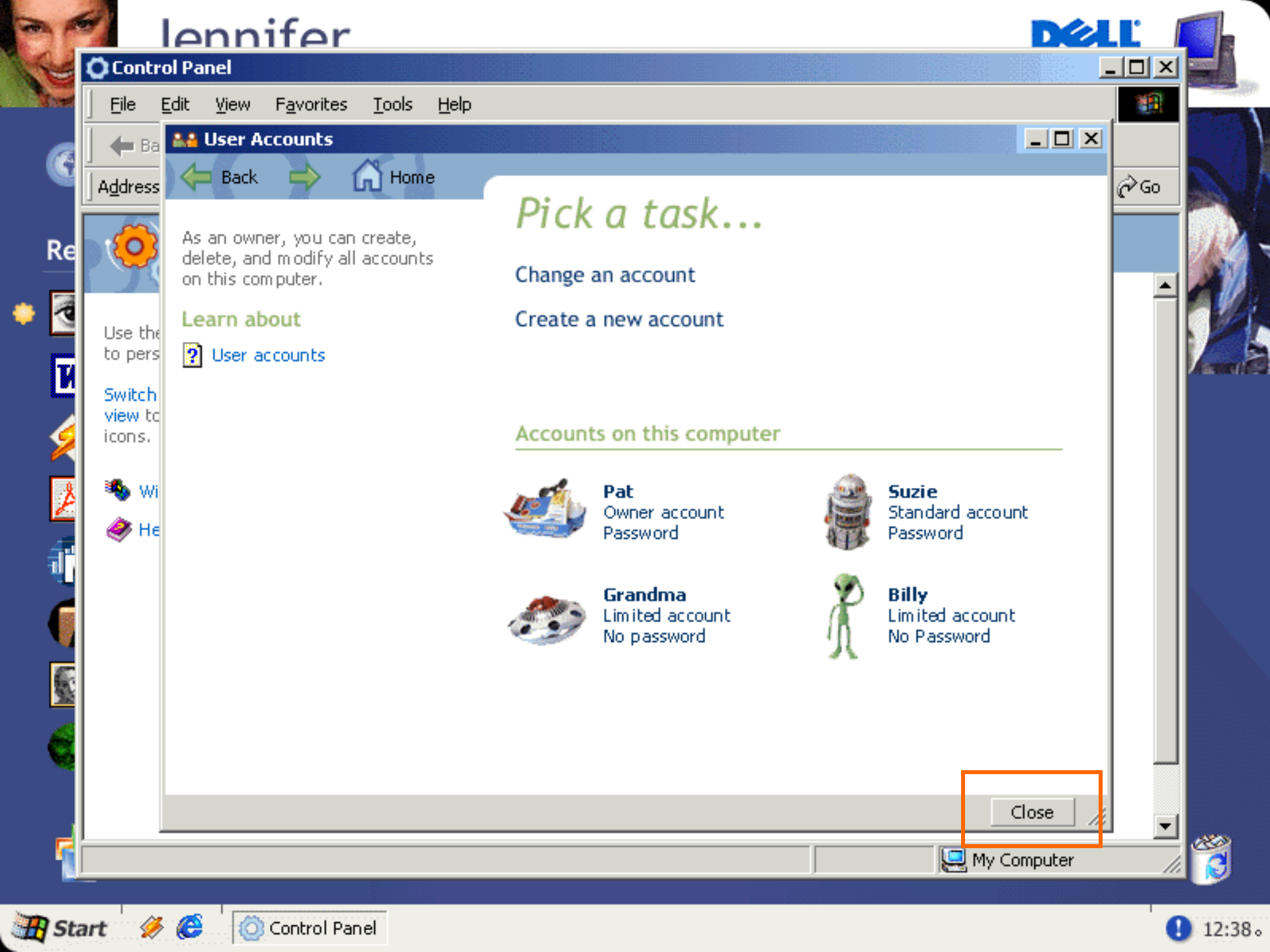
New 2-level Control Panel Webview to help users find the right control panel

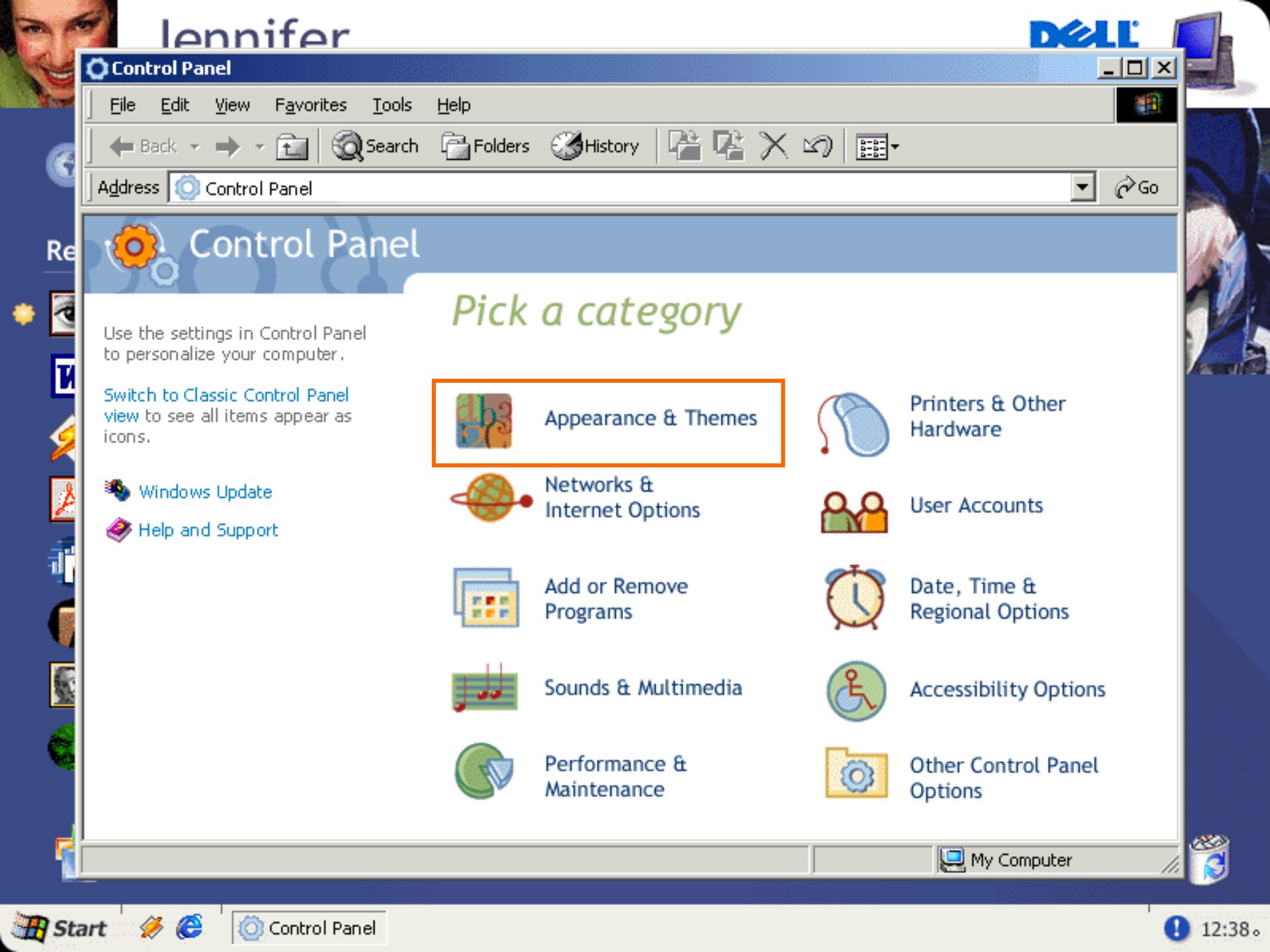
- Centralize & Promote Common Tasks
- New style for CPLs, as exemplified by Account Management CPL

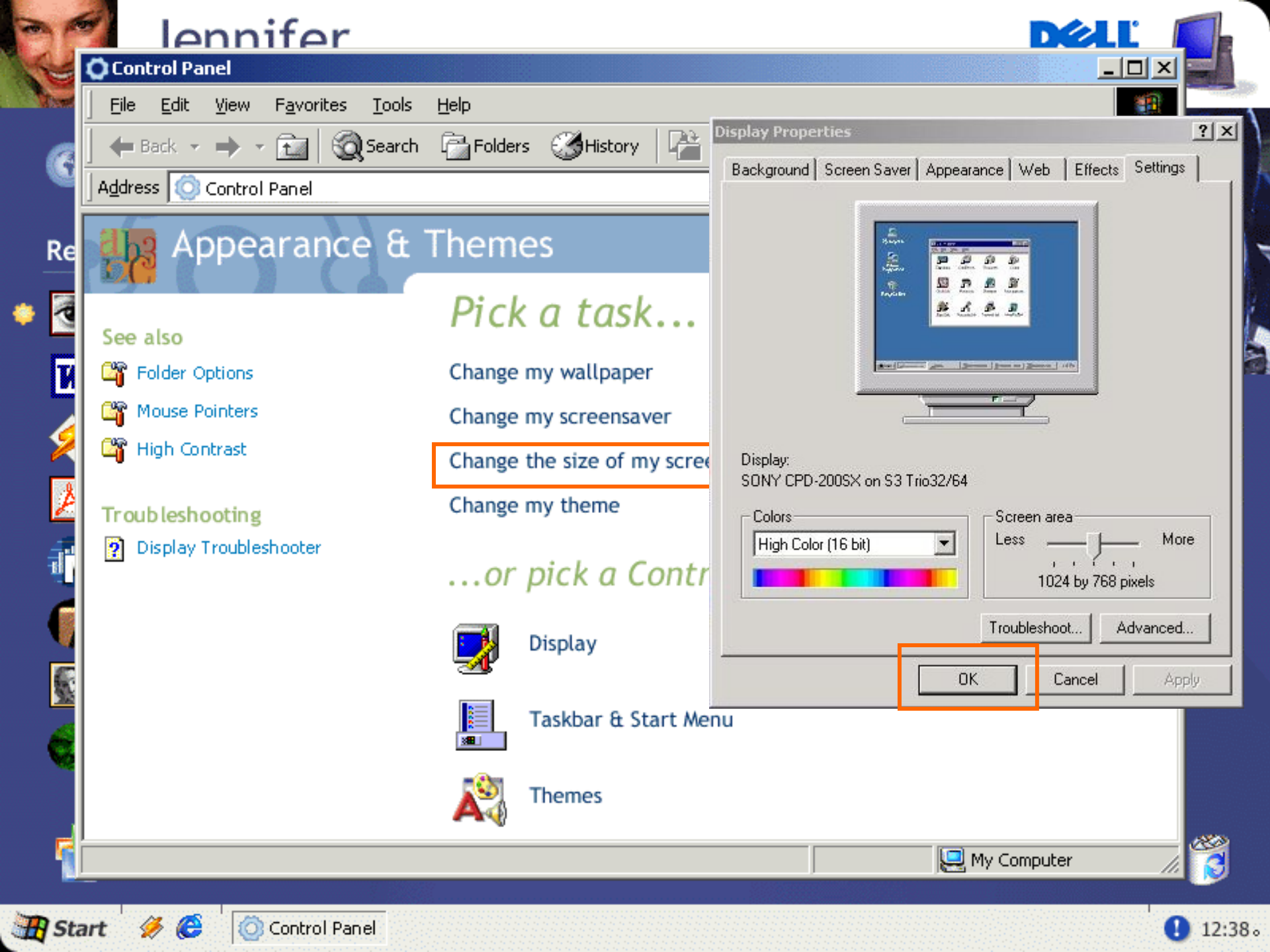

Jennifer
DELL
Control Panel
File Edit View Favorites Tools Help
Back Search Folders History
Address Control Panel
Go
Control Panel
Use the settings in Control Panel to personalize your computer.
Switch to Classic Control Panel view to see all items appear as icons.
Windows Update
Help and Support
Pick a category
Appearance & Themes
Printers & Other Hardware
Networks & Internet Options
User Accounts
Add or Remove Programs
Date, Time & Regional Options
Sounds & Multimedia
Accessibility Options
Performance & Maintenance
Other Control Panel Options
My Computer
Start
Control Panel
12:38

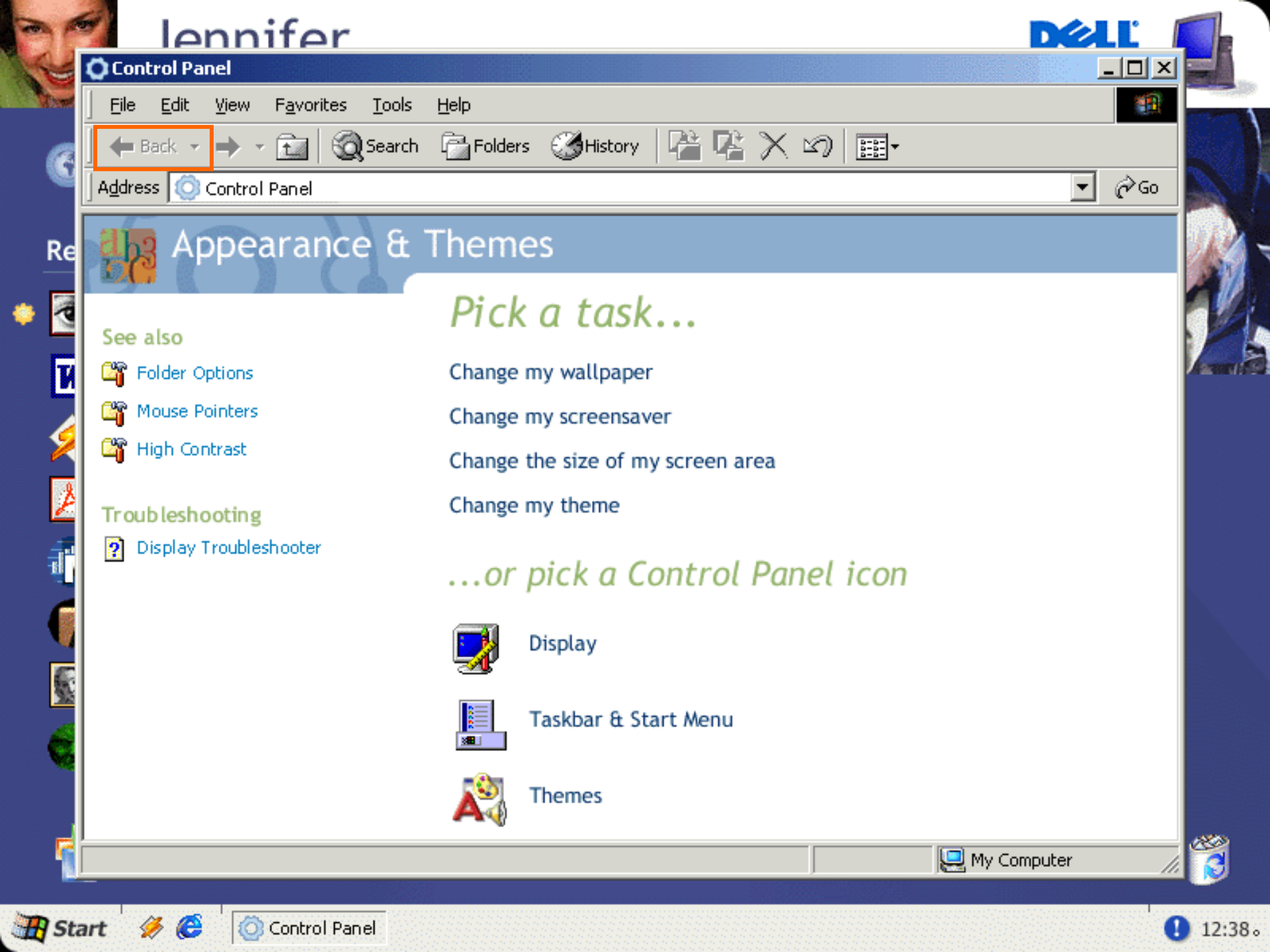

Control Panel
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Control Panel
Use the settings in Control Panel to personalize your computer.
Switch to Simple Control Panel view to see items grouped into categories.
Windows Update
Help and Support
Accessibility Options
Add/Remove Hardware
Add/Remove Programs
Administrative Tools
Date/Time
Display
Fax
Folder Options
Fonts
Game Controllers
Internet Options
Keyboard
Mail
Mouse
Network and Dial-up Co...
Phone and Modem ...
Power Options
Printers
QuickTime
Regional Options
Scanners and Cameras
Scheduled Tasks
Sounds and Multimedia
System
My Computer
Start
Control Panel
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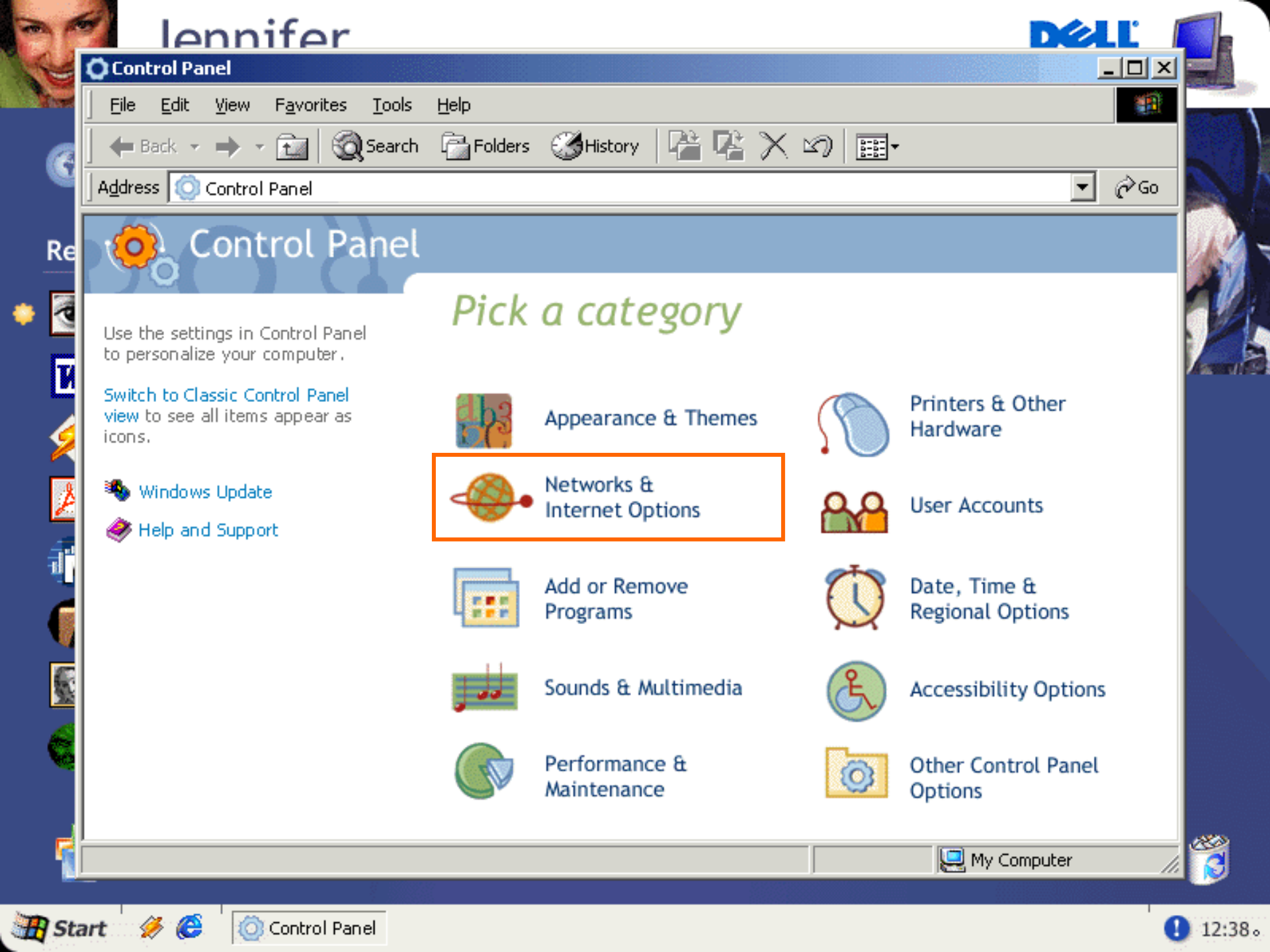

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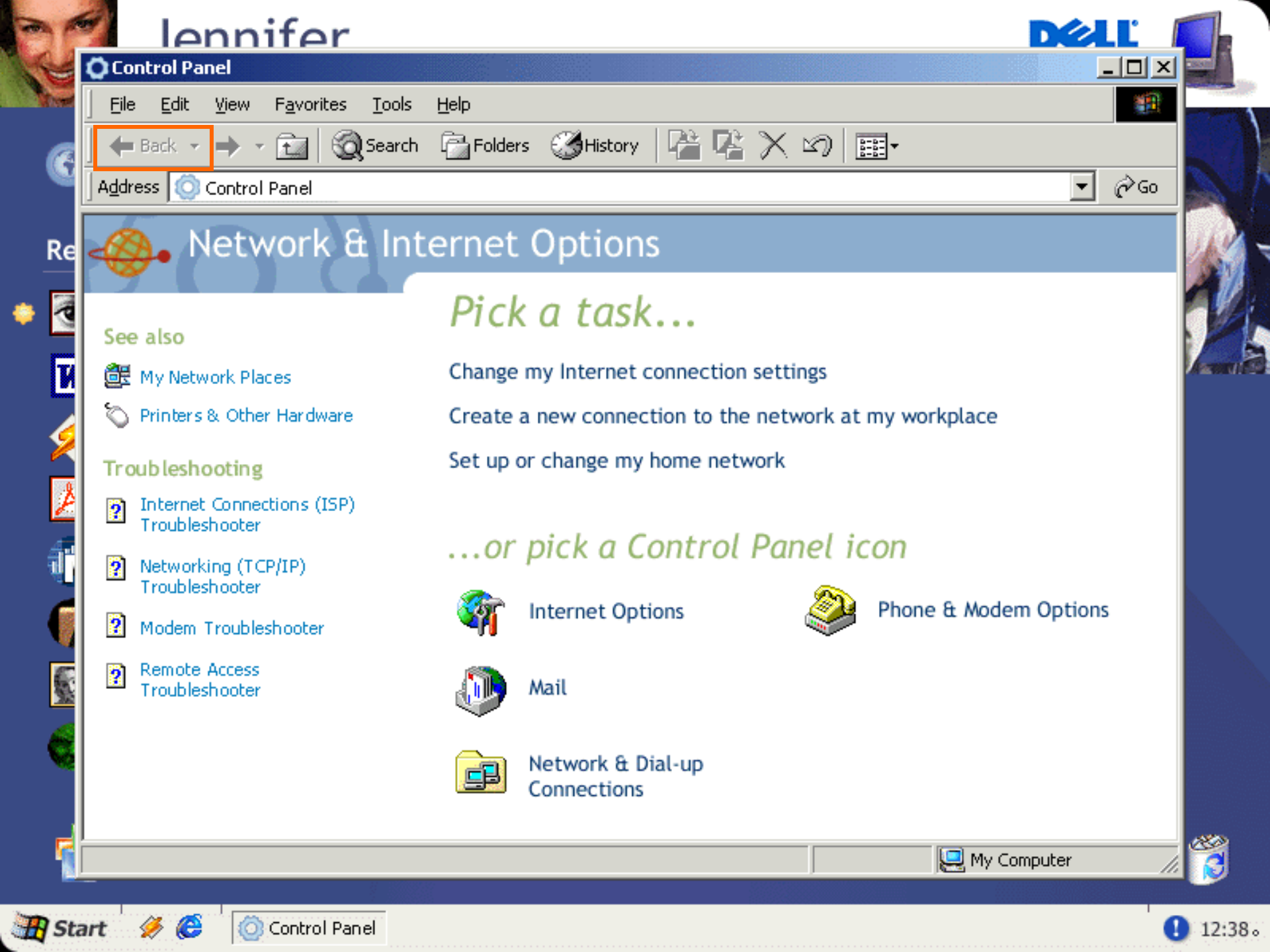

Control Panel
File Edit View Favorites Tools Help
Address
Go
User Accounts
Back
Home
As an owner, you can create, delete, and modify all accounts on this computer.
Learn about
User accounts
Pick a task...
Change an account
Create a new account
Accounts on this computer
Pat
Owner account
Password
Suzie
Standard account
Password
Grandma
Limited account
No password
Billy
Limited account
No Password
Close
My Computer
Start
Control Panel
12:38

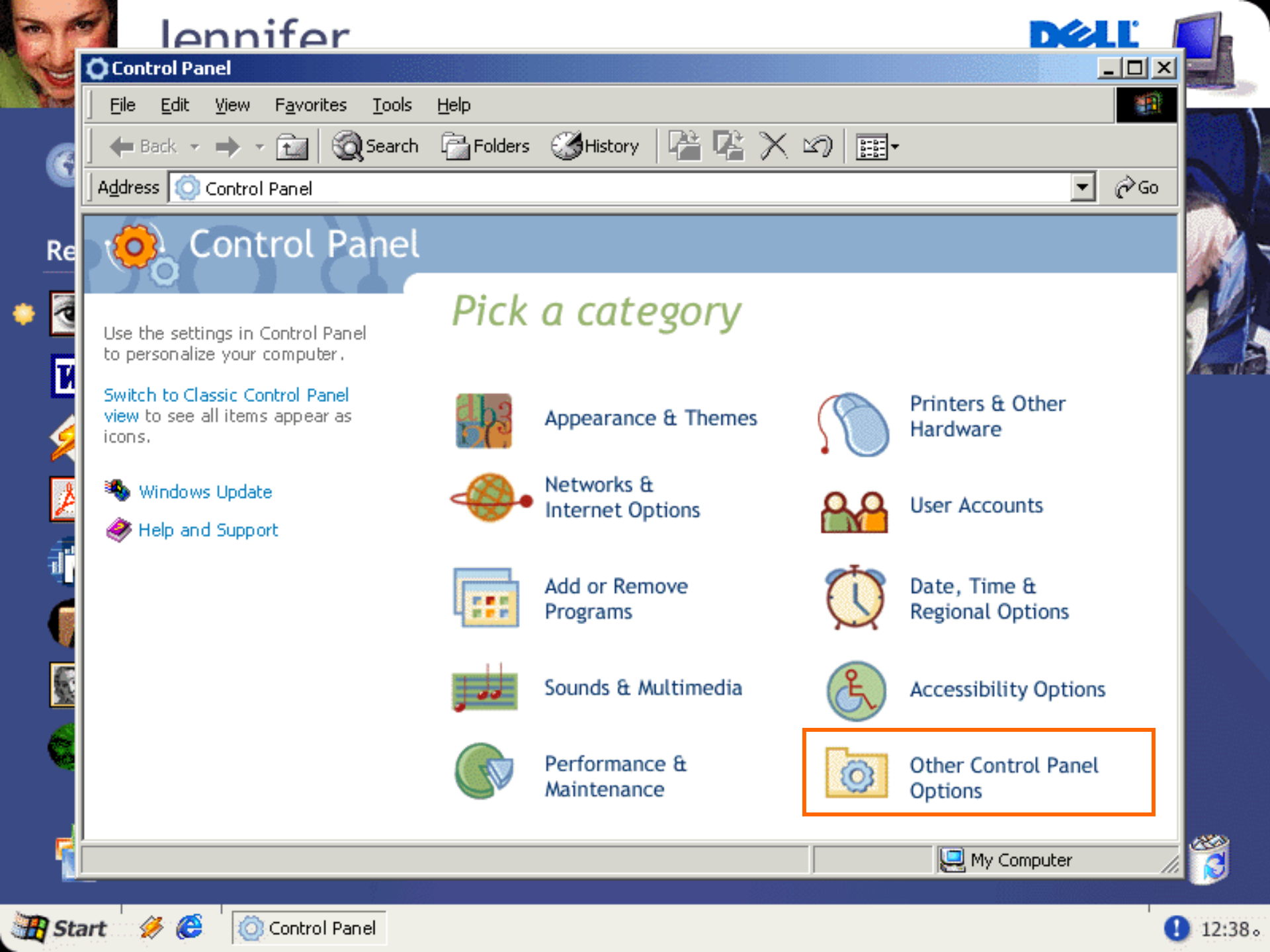

Control Panel
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Back Search Folders History
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My Computer
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Control Panel
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See also
Folder Options
Mouse Pointers
High Contrast
Troubleshooting
Display Troubleshooter
Pick a task...
Change my wallpaper
Change my screensaver
Change the size of my scree
Change my theme
...or pick a Contr
Display
Taskbar & Start Menu
Themes
My Computer
Display Properties
Background Screen Saver Appearance Web Effects Settings
Display:
SONY CPD-200SX on S3 Trio32/64
Colors
High Color (16 bit)
Screen area
Less More
1024 by 768 pixels
Troubleshoot... Advanced...
OK Cancel Apply
Start
Control Panel
12:38


Control Panel
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My Computer
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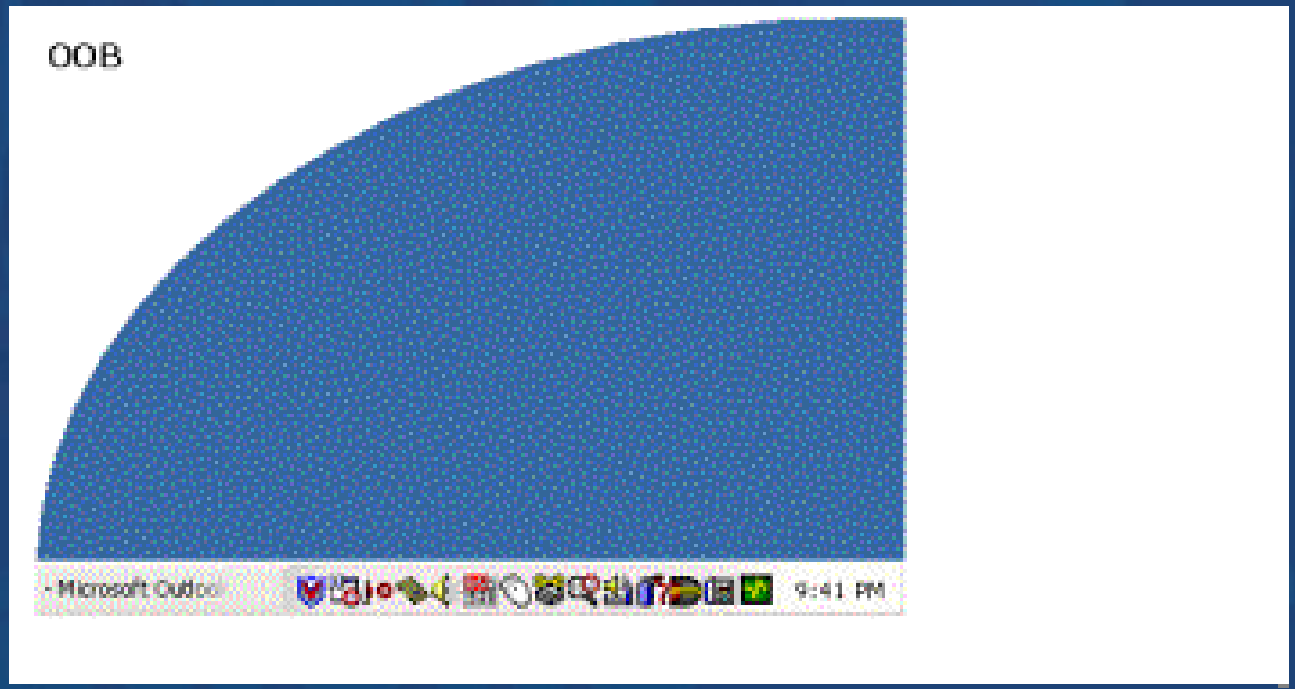

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Accessibility Options
Performance & Maintenance
Other Control Panel Options
My Computer
Start
Control Panel
12:38


Control Panel
File Edit View Favorites Tools Help
Back Search Folders History
Address Control Panel
Go
Other Control Panel Options
Pick a Control Panel icon
Windows Update
Windows Help Center
Folder Options
The Nine Control Center
Fonts
Tweak UI
Notifications
WindowBlinds
QuickTime
WSP Client
Speech
System
My Computer
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Control Panel
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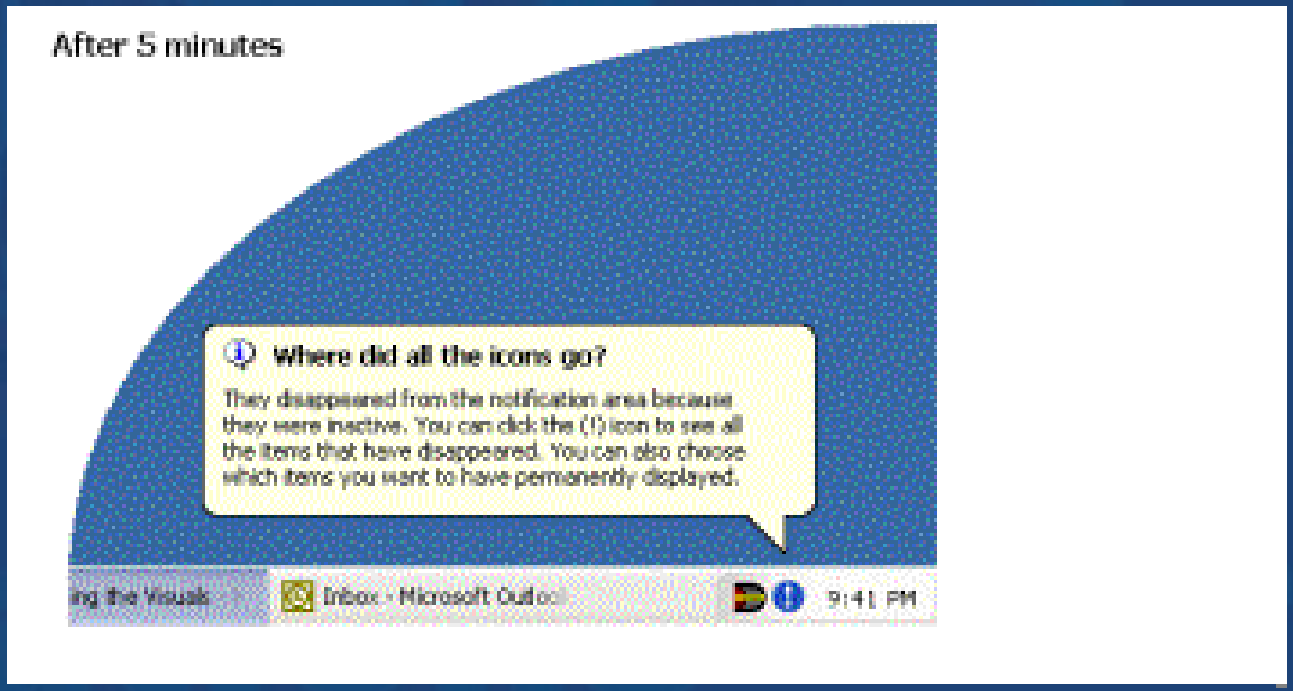
Taskbar Enhancements

- Cleanup Notification Space
  - Intelli-Tray
- Cleanup the Taskbar Area
  - Glomming
- Taskbar locked down by default

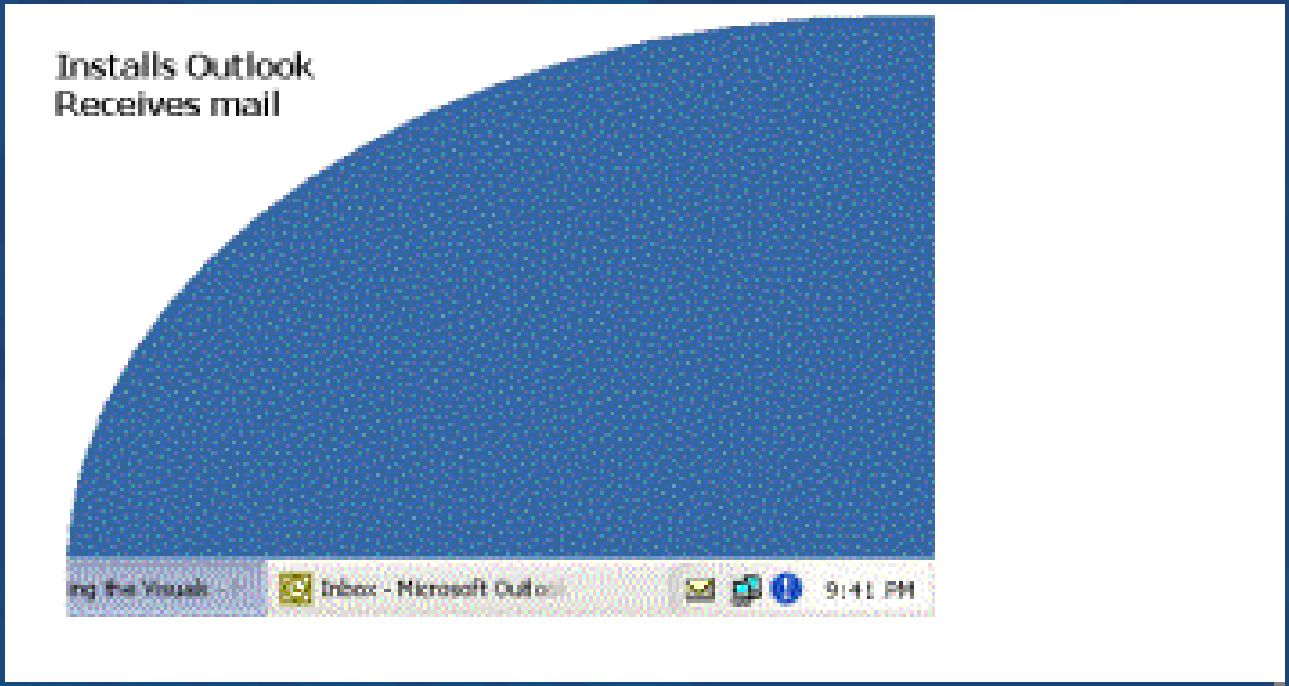
Taskbar Notifications



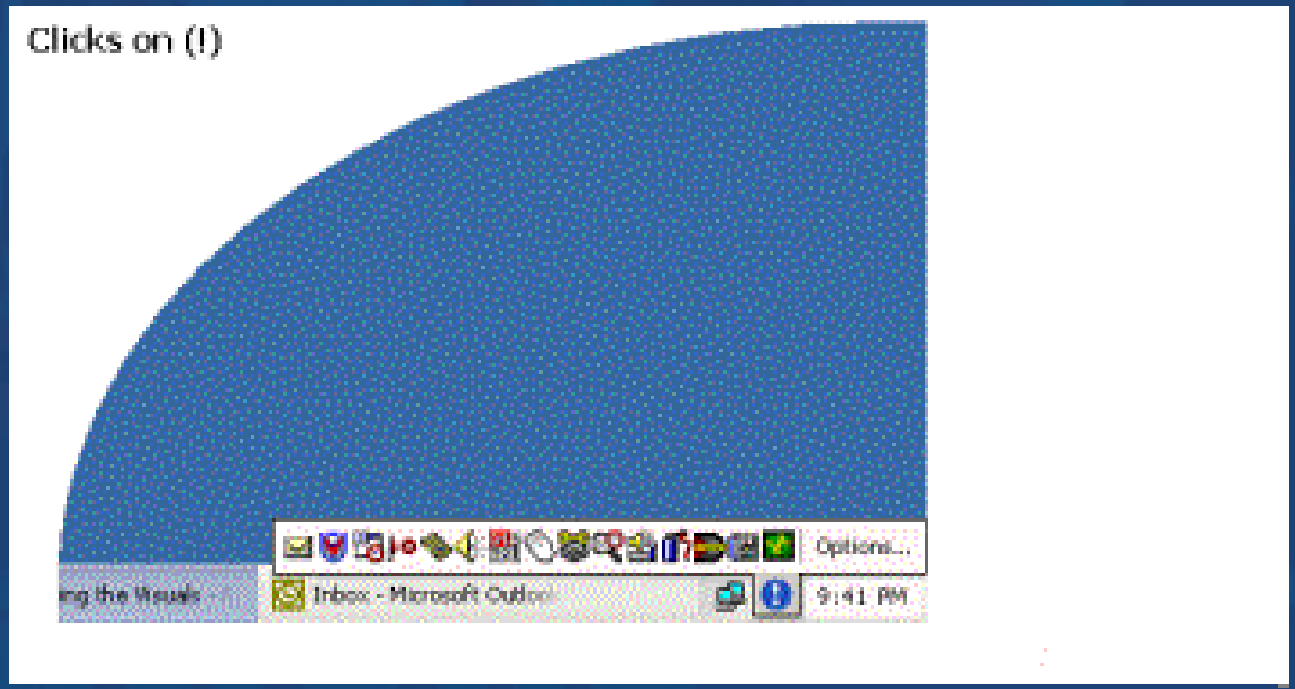
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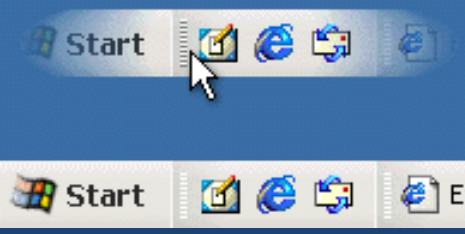
Taskbar Notifications

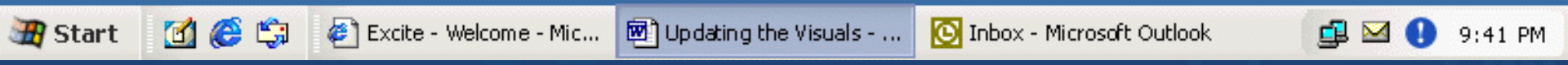


Taskbar Notifications

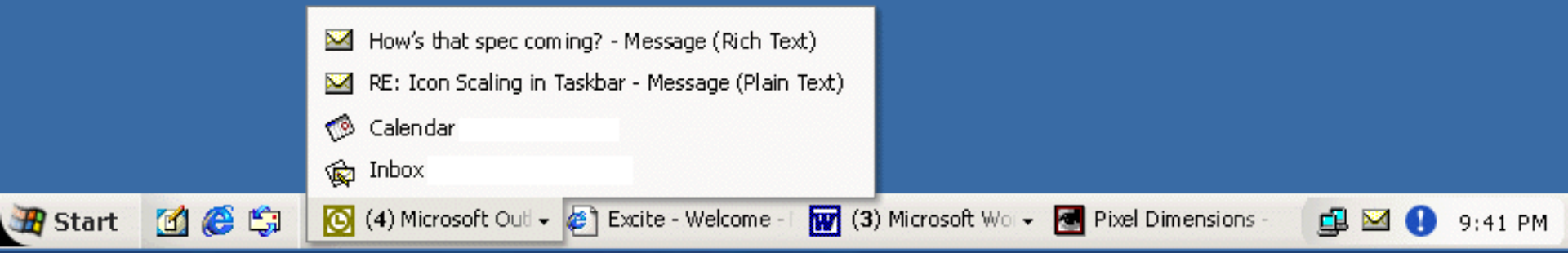


Taskbar Business Visual Redesign





Taskbar Glomming



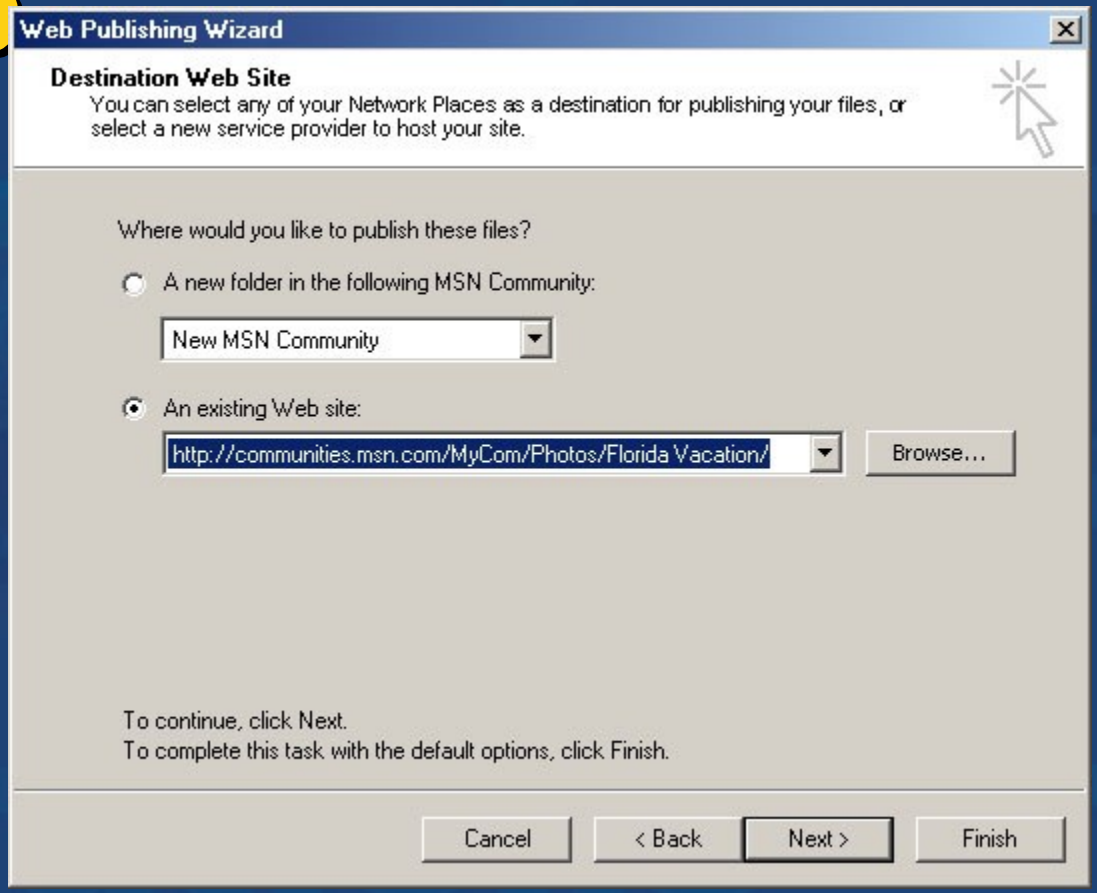
Publishing

- Publish to Web
  - **One-step publish**
- Burn to CD
  - **Make CD-R/RW experience more like a floppy**
- Send as Mail Attachment
  - **Automatically resample largest images**
  - **Archive attached folders**

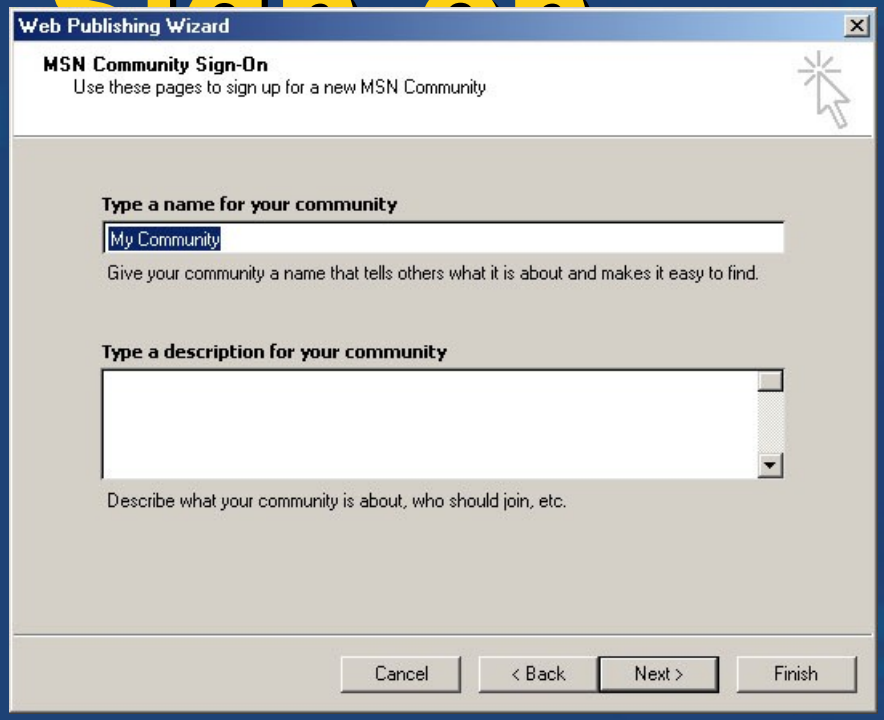
From WebView

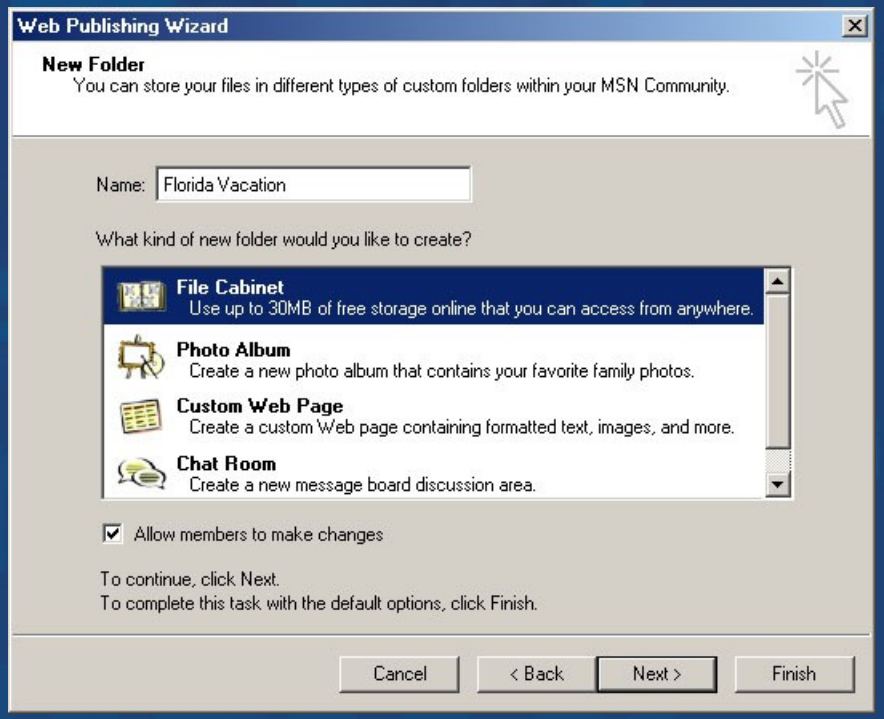


Publish to Web

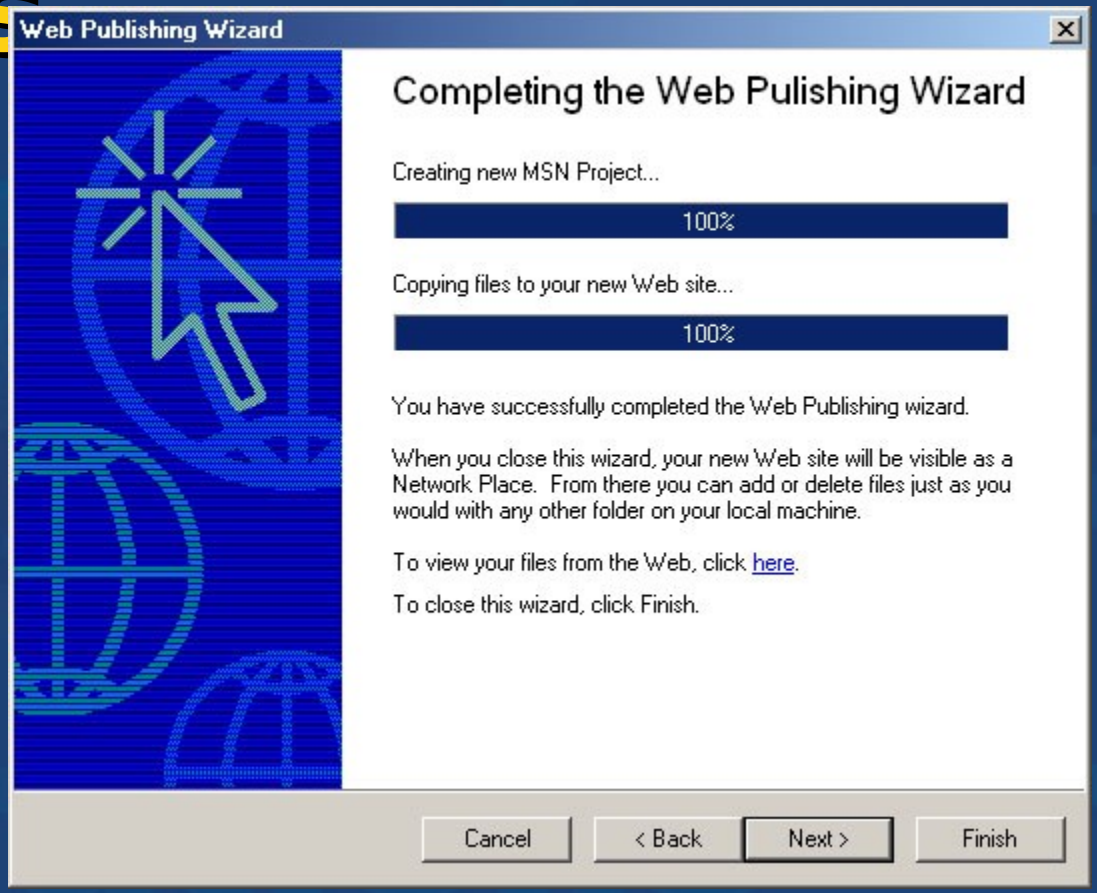


MSN Sign-on


Web Publishing Wizard
MSN Community Sign-On
Use these pages to sign up for a new MSN Community
Type a name for your community
My Community
Give your community a name that tells others what it is about and makes it easy to find.
Type a description for your community
Describe what your community is about, who should join, etc.
Cancel
< Back
Next >
Finish


Web Publishing Wizard
New Folder
You can store your files in different types of custom folders within your MSN Community.
Name: Florida Vacation
What kind of new folder would you like to create?
File Cabinet
Use up to 30MB of free storage online that you can access from anywhere.
Photo Album
Create a new photo album that contains your favorite family photos.
Custom Web Page
Create a custom Web page containing formatted text, images, and more.
Chat Room
Create a new message board discussion area.
Allow members to make changes
To continue, click Next.
To complete this task with the default options, click Finish.
Cancel
< Back
Next >
Finish

Transfer Files



Drag to CD-R Device



CD-R/RW Disc

File Edit View Favorites Tools Help

Back Search Folders Address My Documents

CD-R/RW Disc

Details

CD Tasks

- Burn new files to CD
- Clear list of files to be added

Folder Tasks

- Make a new folder here
- Move this folder
- Copy this folder
- Mail this folder
- Share this folder
- Publish this folder
- Delete this folder

Other Places

- My Documents
- My Pictures
- Shared Documents
- My Computer
- Recycle Bin

Files currently on the CD


Vacation Travel...


Packing List


AAA Travel


Preliminary Itiner...


VacationSpot.com


Trip Budget


Discussion Notes


Expedia.com


Marriot Beach...


Hyatt Beach Vi...

Files to add to the CD







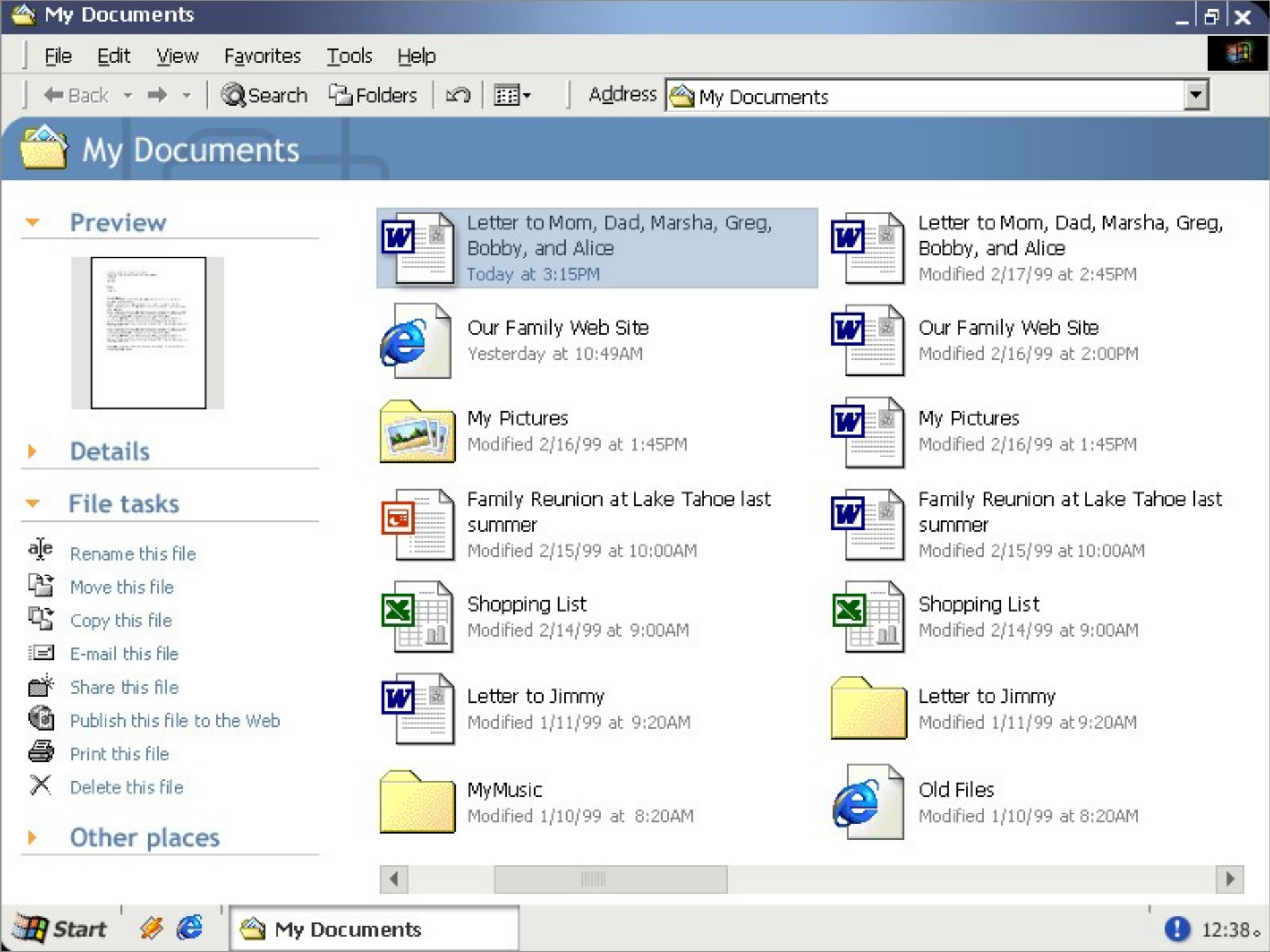




Start CD-R/RW 12:38

File Management

- ListView
  - **New multi-line Tiles view w/ 48x48 icons**
  - **Group thumbnails or icons by any property**
  - **Auto and Custom folder thumbnails (Pri 2)**
- WebView
  - **Task orientation for common commands**
- Digital Media
  - **Enhanced WebViews for My Pictures**


My Documents
File Edit View Favorites Tools Help
Back Search Folders Address My Documents
My Documents
Preview
Details
File tasks
Rename this file
Move this file
Copy this file
E-mail this file
Share this file
Publish this file to the Web
Print this file
Delete this file
Other places
Letter to Mom, Dad, Marsha, Greg, Bobby, and Alice
Today at 3:15PM
Our Family Web Site
Yesterday at 10:49AM
My Pictures
Modified 2/16/99 at 1:45PM
Family Reunion at Lake Tahoe last summer
Modified 2/15/99 at 10:00AM
Shopping List
Modified 2/14/99 at 9:00AM
Letter to Jimmy
Modified 1/11/99 at 9:20AM
MyMusic
Modified 1/10/99 at 8:20AM
Letter to Mom, Dad, Marsha, Greg, Bobby, and Alice
Modified 2/17/99 at 2:45PM
Our Family Web Site
Modified 2/16/99 at 2:00PM
My Pictures
Modified 2/16/99 at 1:45PM
Family Reunion at Lake Tahoe last summer
Modified 2/15/99 at 10:00AM
Shopping List
Modified 2/14/99 at 9:00AM
Letter to Jimmy
Modified 1/11/99 at 9:20AM
Old Files
Modified 1/10/99 at 8:20AM
Start
My Documents
12:38

Hawaii

File Edit View Favorites Tools Help

Back Search Folders Address Hawaii

Hawaii

Preview

Details

Tasks

- Make a New Folder here
- Move this folder
- Copy this folder
- Email this folder
- Share this folder
- Publish this folder to the Web
- Delete this folder

Other Places

- My Documents
- Shared Documents
- My Computer
- My Network Places
- Recycle Bin

Excel Spreadsheets


Packing List


Trip Budget


Thailand Budget

JPEG Images


Marriot Beach...


Hyatt Beach Vi...


Blue Seas Hotel


Maui


Helicopter tours

Word Documents









Start Hawaii 12:38

My Pictures

File Edit View Favorites Tools Help

Back Search Folders Address My Documents

My Pictures

Details

Picture tasks

- Get from Camera or Scanner
- View as Slideshow

File tasks

- Move this image
- Copy this image
- E-mail this image
- Share this image
- Publish this image to the web
- Print this image
- Delete this image

Other places

- My Documents
- Shared Documents
- My Computer
- My Network Places
- Recycle Bin



Mountain.jpg



Start My Pictures 12:38

My Music

File Edit View Favorites Tools Help

Back Search Folders Address My Documents

My Music

Details

Music tasks

- Play All
- Shop for music online

Folder tasks

- Make a new folder here
- Move this folder
- Copy this folder
- E-mail this folder
- Share this folder
- Publish this folder
- Delete this folder

Other places

- My Documents
- Shared Documents
- My Computer
- My Network Places
- Recycle Bin



AC/DC


B-52's, The



Genesis


Counting Crows


Led Zeppelin



REM



Crowded House


Police, The



Van Halen


Costello, Elvis



Fixx, The


Flock of Seagulls, A


Party Mix


Road Music


Smooth by Carlos Santana

Start My Music 12:38

Performance/ architecture improvments

- **Perf improvements**
  - Slow network/async
  - **General improvements over Win2K**
  - **Address top 10 perf issues**
- **Other improvements**
  - **Copy engine enhancements (better conf. UI, error handling, & preflighting)**


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Microsoft